

SUTRON CORP  
Form 10-K  
March 31, 2014

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

\_\_\_\_\_  
FORM 10-K  
\_\_\_\_\_

Annual Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act Of 1934

For the fiscal year ended: December 31, 2013

Commission file number: 0-12227

SUTRON CORPORATION  
(Exact name of registrant as specified in its charter)

|  |   |
|--|---|
| Virginia   | 54-1006352                              |
| (State or other jurisdiction of<br>incorporation or<br>organization) | (I.R.S. Employer<br>Identification No.) |

22400 Davis Drive, Sterling Virginia 20164  
(Address of principal executive offices)

(703) 406-2800  
(Registrants telephone number, including area code)

Securities registered under Section 12(g) of the Act: Common Stock, \$.01 par value  
(Title of class)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.  
Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) for the Exchange Act. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

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Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark if there is no disclosure of delinquent filers in response to Item 405 of Regulation S-K contained in this form, and no disclosure will be contained, to the best of registrants knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendments to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer  Non-accelerated filer  Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

The aggregate market value of the voting stock held by non-affiliates of the registrant, based on the closing price of \$5.47 as reported by the NASDAQ Stock Market, Inc. for the Registrant's Common Stock as of March 21, 2014, was \$20,756,486.

As of March 21, 2014, there were 5,066,009 shares of the registrant's common stock outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Certain portions of the Registrants' Definitive Proxy Statement for the 2014 Annual Meeting of Shareholders, which will be filed within 120 days after the end of the year covered by this Form 10-K, are incorporated in Part III as set forth herein.

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Table of Contents

## TABLE OF CONTENTS

|   |   |    |
|---|---|----|
| <u>Note Concerning Forward-Looking Statements</u> |   | 3  |
| Part I  |   |    |
| Item 1.   | <u>Business</u>   | 3  |
| Item 1A.  | <u>Risk Factors</u>   | 7  |
| Item 1B.  | <u>Unresolved Staff Comments</u>  | 9  |
| Item 2.   | <u>Properties</u>   | 9  |
| Item 3.   | <u>Legal Proceedings</u>  | 9  |
| Item 4.   | <u>Mine Safety Disclosures</u>  | 9  |
| Part II   |   |    |
| Item 5.   | <u>Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities</u> | 10 |
| Item 6.   | <u>Selected Financial Data</u>  | 11 |
| Item 7.   | <u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>                        | 11 |
| Item 7A.  | <u>Quantitative and Qualitative Disclosures about Market Risk</u>   | 17 |
| Item 8.   | <u>Financial Statements and Supplementary Data</u>  | 18 |
| Item 9.   | <u>Changes in and Disagreements with Accountants on Accounting and Financial Disclosures</u>                        | 39 |
| Item 9A.  | <u>Controls and Procedures</u>  | 39 |
| Item 9B.  | <u>Other Information</u>  | 39 |
| Part III  |   |    |
| Item 10.  | <u>Directors, Executive Officers and Corporate Governance</u>   | 40 |
| Item 11.  | <u>Executive Compensation</u>   | 40 |
| Item 12.  | <u>Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u>               | 40 |
| Item 13.  | <u>Certain Relationships, Related Transactions and Directors Independence</u>                                       | 40 |
| Item 14.  | <u>Principal Accountant Fees and Services</u>   | 40 |
| Part IV   |   |    |
| Item 15.  | <u>Exhibits and Financial Statement Schedules</u>   | 41 |
| <u>Signatures</u>                                 |   | 42 |

Table of Contents

NOTE CONCERNING FORWARD-LOOKING STATEMENTS

This Form 10-K includes forward-looking statements regarding our expected future financial position, results of operations, cash flows, financing plans, business strategy, products and services, competitive positions, growth opportunities, risks, plans and objectives of management for future operations. Statements that include words such as "anticipate," "if," "believe," "plan," "estimate," "expect," "intend," "may," "should" and other similar expressions are forward-looking statements. All forward-looking statements involve risks, uncertainties and contingencies which may cause actual results, performance, or achievements to differ materially from anticipated results, performance, or achievements. Factors that may cause actual results to differ materially from those in the forward-looking statements include those discussed under "Risk Factors," "Management's Discussion and Analysis of Financial Condition and Results of Operations" and elsewhere in this report. All forward-looking statements speak only to events as of the date on which the statements are made. All subsequent written and oral forward-looking statements attributable to us or any person acting on our behalf are qualified by the cautionary statements in this section. We undertake no obligation to update or publicly release any revisions to forward-looking statements to reflect events, circumstances or changes in expectations after the date on which the statement is made.

PART I

Item 1 Business

Sutron Corporation was incorporated on December 30, 1975 under the General Laws of the Commonwealth of Virginia. Our headquarters is located at 22400 Davis Drive, Sterling, Virginia 20164, and the telephone number at that location is (703) 406-2800. We maintain a web address at [www.sutron.com](http://www.sutron.com). The information contained on our website is not incorporated by reference into this Form 10-K and shall not be considered a part of this Form 10-K.

We design, manufacture, market and sell products, systems, and software as well as providing services that enable government and commercial entities to monitor and collect hydrological, meteorological and oceanic data for the management of critical water resources, for early warning of potentially disastrous floods, storms or tsunamis, for the optimization of hydropower plants and for the supply of critical aviation information. We provide real-time data collection and control products consisting primarily of dataloggers, satellite transmitters/loggers, water level and meteorological sensors and tides monitoring systems. We provide turnkey integrated systems for hydrological, meteorological and oceanic networks and related services consisting of installation, training and maintenance of hydrological and meteorological networks. We provide both systems and applications software that is used to provide data necessary for the management of vital resources. Our customers include a diversified base of federal, state, local and foreign governments, engineering firms, universities, hydropower companies and aviation firms.

We operate principally in two industry segments. The first is standard products which consist of hydrological, meteorological, oceanic monitoring and control and air quality products that are sold off-the-shelf. Our Hydromet Products Division and our Sabio Division are responsible for the manufacturing of all standard products. The second segment is systems consisting of hydrological, meteorological and oceanic monitoring systems that are comprised of standard products and non-standard items, systems and applications software and services, including installation, training, and maintenance. We have various profit centers consisting of our Integrated Systems Division, Hydrological Services Division, Sutron India operations and MeteoStar Division that provide our systems, software and services.

The Hydromet Products Division manufactures dataloggers, satellite transmitters/loggers, water level and meteorological sensors and tides monitoring systems. Dataloggers collect sensor data and transmit the data to central facilities primarily by satellite radio but also by cell phone, fiber optics or microwave. Our sensors collect hydrological and meteorological data and include a tipping bucket rain gauge, a barometric pressure sensor, a temperature sensor and differing types of water level sensors including shaft encoders, bubbler systems, submersible

sensors and radar sensors. Our dataloggers can interact with sensors from other companies. We have long-standing relationships with suppliers of sensors for wind speed and wind direction, water quality, humidity and solar radiation. The principal products that are manufactured by the Hydromet Products Division are described below.

#### Xpert and XLite Dataloggers

The Xpert and XLite dataloggers are the core of a wide-range of remote monitoring and control systems. The Xpert is highly modular and can be leveraged to handle multiple applications. It is designed specifically to support a variety of portable and permanent monitoring and control applications and systems including automatic weather stations, agrimet stations, synoptic weather stations, automatic weather observation stations, tide stations, hydromet stations, water level and water quality stations, rainfall stations, gate control stations, irrigation and water distribution control stations, stream gauging stations, dam safety stations and flood forecasting, monitoring, control and warning systems.

## Table of Contents

### SatLink2 Transmitter/Logger

The SatLink2 is a high data rate satellite transmitter/logger that incorporates GPS and functions as a logger. Our standard unit includes a built-in logger, SDI-12 interface, dedicated tipping bucket input, 4 analog inputs and a powerful mathematical equation editor. The V2 version meets the latest specifications being adopted by the National Environmental Satellite, Data and Information Services (NESDIS). Starting in May 2012, all users of the Geostationary Operational Environmental Satellite (GOES) satellite are required over a 10 year period to upgrade all their transmitters to comply with the V2 specifications. The SatLink2 transmitter operates on the GOES system. NESDIS operates two U.S. Government environmental satellites on this system.

### Stage Discharge Recorder

The Stage Discharge Recorder is an optical encoder fused with logger technology from our Satlink2 Transmitter/Logger. Using proven float-tape-counterweight technology, the Stage Discharge Recorder is a “plug compatible” replacement for strip chart recorders or punched-tape recorder. The Stage Discharge Recorder saves data in flash memory. This means that there are no backup batteries for the memory. The Stage Discharge Recorder incorporates standard flume and weir equations and can compute and log discharge totals and display discharge as well as flume/weir stage. A built-in event log keeps track of when anyone views or downloads data or makes changes to the setup. The Stage Discharge Recorder will run up to one year on an industrial alkaline battery.

### Accubar Gauge Pressure Sensor

The Accubar Gauge Pressure sensor is used in water level monitoring systems and is a highly accurate solid state pressure transducer capable of measuring air/dry gas pressures from 0 to 22 psi with a maximum pressure of 35 psi. It is housed in an aluminum case and with its low power consumption and low maintenance requirements, it is ideal for remote monitoring applications.

### AccuBubble Self-Contained Bubbler System

The AccuBubble Self-Contained Bubbler is a mercury-free and nitrogen-free bubbler apparatus designed for low maintenance water level measuring. Using the Sutron Accubar Pressure Sensor as the control and sensing element makes the AccuBubble a very stable and highly accurate water level measuring device. The AccuBubble uses power conservation techniques to minimize current consumption. The bubbler purges the orifice line prior to each measurement. This eliminates the need for a constant bubble rate, which has been known to consume excessive power. In addition, the purging sequence prevents debris build up in the orifice line. The AccuBubble uses an oil-less, non-lubricated piston and cylinder compressor. This type of compressor is designed to give consistent air delivery without the use of a diaphragm that can rupture over time.

### Tides and Ports Systems

The National Ocean Survey (NOS), part of the National Oceanic and Atmospheric Administration (NOAA), has the responsibility to measure accurately tide levels around the perimeter of the United States. NOS seeks to ensure that measurements are the most accurate possible by using the best water level instruments available. Tide stations are based on the Xpert data logger and the SatLink2. We have enhanced the capabilities of tides systems by adding Storm Surge/Tsunami software. This software provides added capability to tides stations to detect and provide tsunami warnings.

The Main Tide Station is designed to detect a vast array of events. Sutron's Xpert Logger is a Windows device programmable to monitor multiple parameters including traditional NOS methods such as sudden water level

drops and seismic sensors, or both at one time. It supports a wide variety of water level monitoring and weather instruments. The Main Tide Station provides pre-programmed support for NOS-required tidal data processing. The Main Tide Station also supports GOES satellite and a wide variety of other telemetry methods including cell and marine phones. The tides station provides built-in surge protection.

The Integrated Systems Division provides system integration services consisting of design, integration, installation and commissioning of customer-specific hydrological, meteorological and oceanic monitoring and control systems. We are an Iridium Value Added Reseller which enhances our communications option to our customers. Systems include software applications based on our XConnect database software and our Ilex Tempest database software. Our database software capability allows us to provide turnkey hydrological and meteorological systems to a variety of users. Projects may range in size from one station to hundreds of stations. Projects usually require design, equipment integration, software application development, installation, training and commissioning. Projects can range in duration from several weeks to several years depending on the scope and complexity of the system. In 2013, we combined our previous Ilex Division with our Integrated Systems Division.

## Table of Contents

Automatic Weather Observation Systems ("AWOS") are integrated and installed by the Integrated Services Division. Typically, an AWOS includes a sensor suite to measure wind direction and speed, temperature, relative humidity, precipitation, and barometric pressure as well as cloud height and horizontal visibility/runway visibility. Sensors are connected to an Xpert datalogger, which processes the data, stores it in a relational database and transmits real-time weather parameters to all designated users, regardless of location. The system produces weather reports for aviation and meteorological use, virtually automatically and without need of human intervention.

The Hydrological Services Division provides hydrologic services including data interpretation and analysis, flow modeling (low flow, rainfall runoff, unsteady flow routing, water surface profiles), field studies (time of travel, diffusion, dispersion, calibration of flow control structures, site location), hydrologic studies (water budget, regression analysis, basin inventory studies), environmental permitting, legal or expert witness and equipment integration, installation, commissioning and maintenance.

Sutron India Operations consist of a Branch Office that was established in 2004. In 2005, we established Sutron HydroMet Systems Private Limited, a wholly owned subsidiary, in order to bid on domestic India tenders. Our India Operations procures local goods for projects, performs systems integration, installation, commissioning and equipment maintenance. Our India Operations maintains over 260 remote automatic real-time hydromet monitoring stations in India under contracts with the Central Water Commission ("CWC").

The Company acquired IPS MeteoStar ("MeteoStar") on May 24, 2012. Our MeteoStar Division is a leader in the environmental analysis, display and integration/distribution systems market for the meteorological, aviation, and hydrology community. MeteoStar provides its Leading Environmental Analysis and Display System ("LEADS®") product set as the foundation for its solutions. LEADS® is an advanced set of scalable tools specializing in weather, water and environmental monitoring solutions. MeteoStar's products are used in a variety of markets to provide real-time weather situational awareness, forecasting solutions for decision support and emergency responders, and environmental air quality data collection/EPA reporting systems. MeteoStar's customer base includes applications for aviation, hydrology, meteorology, transportation, power/energy, research and the military.

The Company acquired Sabio Instruments LLC ("Sabio") on March 6, 2013. Our Sabio Division currently manufactures and sells calibration units that maintain and service air quality monitoring sensors. Sabio has an international customer base that is loyal to the Sabio brand. Sabio also has intellectual capital giving it capabilities to develop air quality sensors that will allow the Company to further market complete air quality systems to Sabio's existing customers and attract new customers in what the Company believes is a growing domestic and international market increasingly interested in monitoring air quality. Domestically, core Sabio customers and targets are primarily made up of state governments and agencies focused on monitoring air quality in their respective geography. Internationally, core Sabio customers and targets are primarily made up of foreign governments and distributors that market to foreign governments.

## Sales and Marketing

We market our products and services domestically and internationally. Domestic sales are conducted by our internal sales staff that consists of six salaried sales personnel who are directly engaged in direct sales activities. The sales staff is assisted by three other employees in marketing and sales support functions. Internationally, we have four employees with global responsibilities and who work closely with our international sales network that consists of 24 resellers and agents in Canada, Latin and South America, Europe, Africa, Asia and Australia.

## Competition

We compete in the hydrological, meteorological, air quality and oceanic monitoring markets and are aware of both domestic and foreign competitors who offer products, systems, software and services of their own as well as companies that are systems integrators who primarily offer real-time networks from components manufactured by others. We are aware of numerous firms, ranging in size, that offer competitive dataloggers, high data rate satellite transmitters, sensors and other instruments and software.

Several of these companies have financial, research and development, marketing, management and technical resources substantially greater than ours. We may also be at a competitive disadvantage because we purchase certain sensors and other equipment components, as well as computer hardware and peripheral equipment, from manufacturers who are or may become competitors with respect to one or more of our products.

With respect to our professional engineering and technical services, we are in competition with numerous diverse engineering and consulting firms, many of which have larger staffs and facilities, and are better known, have greater financial resources, and have more experience. As to hydrological services, we are aware that many firms offer maintenance services; some of these companies have larger staffs, are better equipped, and have greater financial, marketing and management resources. Price, features, product quality, promptness of delivery, customer service and performance are believed to be the primary competitive factors with respect to all of our products, software and services.

## Table of Contents

### Customers

During 2013, approximately 20% of our products and services were sold to the United States Federal Government. Net sales and revenues in 2013 among the various agencies were as follows: Department of the Interior, 13%; Department of Commerce, 4%; Department of Defense, 3% and Other Federal Agencies, 1%. Revenues from the Department of the Interior were derived from sales to the U.S. Geological Survey and the Bureau of Reclamation. Revenues from the Department of Defense were primarily from sales to the U.S. Army Corps of Engineers. Revenues from the Department of Commerce were from sales of tides systems and spares to NOS and the National Data Buoy Center. The loss of any significant portion of our sales to any major customer, the loss of a single major customer or budgetary constraints of any one of our major customers could have a material adverse effect on our business and financial results. We also performed on various contracts of foreign origin. Revenues from foreign customers amounted to approximately 48% of revenues in 2013, 57% of revenues in 2012 and 53% of revenues in 2011.

### Research and Development

During the years ended December 31, 2013, 2012 and 2011, we incurred expenses of \$3,438,250, \$3,384,393, and \$1,993,183, respectively, on activities relating to the development of new products and enhancements and improvements of existing products. In 2013 in our Virginia headquarters, we spent significant development efforts on our constant flow Bubblers and IridiumLink, GPRSLink and TDMA Link products to further enhance and build out capabilities in order to support customer requirements. We also spent significant resources working on several new products we expect to come to market in the next 6 to 12 months. In our MeteoStar divisions, we spent significant development efforts in our LEADS6 software, advanced set of scalable tools specializing in weather, water and environmental monitoring solutions. The LEADS6 software is now available and is being marketed to our customers. In our Sabio division, we spent significant resources enhancing some of the division's air quality monitoring calibrators to meet customer requirements and also began development of new analyzer products we expect to come to market in the next 9 months.

### Patents, Trademarks, Copyrights and Agreements

We may in the future seek patents for certain products, real-time networks, technology and software. We treat our products, real-time networks, technology and software as proprietary and rely on trade secret laws and internal non-disclosure safeguards rather than making our designs and processes generally available to the public by applying for patents. We believe that, because of the rapid pace of technological change in the computer, electronics and telecommunications industries, patent and copyright protection is of less significance than factors such as the knowledge and experience of our personnel and their ability to design and develop enhanced and new products, real-time networks and their components. As a part of our MeteoStar acquisition, we acquired the trademarks and copyrights to the LEADS® software.

### Manufacturing

Our manufacturing operations consist of materials planning and procurement, final assembly, product assurance testing, quality control, and packaging and shipping. We currently use several independent manufacturers to provide certain printed circuit boards, chassis and subassemblies. We believe that the efficiency of our manufacturing process to date is largely due to our product architecture and our commitment to manufacturing process design. We have spent significant engineering resources producing customized software to obtain consistent high product quality. Products are tested after the assembly process using internally developed automated product assurance testing procedures.

Our products use certain components, such as microprocessors, memory chips and pre-formed enclosures that are acquired or available from one or a limited number of sources. We have generally been able to procure adequate supplies of these components in a timely manner from existing sources. While most components are standard items, certain application-specific integrated circuit chips used in many of our products are customized to our specifications. None of the suppliers of components operate under contract. Additionally, availability of some standard components may be affected by market shortages and allocations. Our inability to obtain a sufficient quantity of components when required or to develop alternative sources at acceptable prices and within a reasonable time could result in delays or reductions in product shipments which could materially affect our operating results in any given period. In addition, as referenced above, we rely heavily on outsourcing subcontractors for production. The inability of such subcontractors to deliver products in a timely fashion or in accordance with our quality standards could materially affect our operating results and business.

We received an ISO 9001 certification on March 12, 1999 and an ISO 9001:2000 certification on August 13, 2003. We continued to be certified during fiscal year 2013.

## Table of Contents

### Government Regulation

We manufacture some of our products and provide some of our services under contracts with the United States government. We manufacture other products under contracts with private third parties who utilize our products to satisfy United States government contracts to which they are a party. Federal acquisition regulations and other federal regulations govern these relationships. Some of these regulations relate specifically to the seller-purchaser relationship with the government (which may exist on our own account, or that of one or more of our clients), such as the bidding and pricing rules. Under regulations of this type, we must observe pricing restrictions, produce and maintain detailed accounting data, and meet various other requirements.

Other regulations relate to the conduct of our business generally, such as regulations and standards established by the Occupational Safety and Health Act or similar state laws and relating to employee health and safety. In particular, government contracts require that we comply with federal laws and regulations, in general, or face civil liability, cancellation or suspension of existing contracts, or ineligibility for future contracts or subcontracts funded in whole or in part with federal funds. In addition, loss of governmental certification (affirming that we are eligible to participate on government contracted work) could cause some of our customers to reduce or cease making purchases from us, which would adversely impact our business.

### Foreign Operations

We opened a branch office in New Delhi, India in 2004. We formed a wholly owned subsidiary in India in 2005 in order to bid on domestic India tenders. Our India Operations performs systems integration, civil works construction, systems installation and commissioning and maintenance services. We maintain over 220 remote automatic real-time hydromet monitoring stations in India under contracts with the Central Water Commission.

### Employees

As of December 31, 2013, we and our wholly owned subsidiary had a total of 123 employees, of which 119 were full time. We also from time to time employ part-time employees and hire independent contractors. Our employees are not represented by any collective bargaining agreement and we have never experienced a work stoppage. We believe that our employee relations are good.

### Backlog

At December 31, 2013, our backlog was approximately \$12,469,000 as compared with approximately \$13,354,000 at December 31, 2012. We anticipate that approximately 75% of our 2013 year-end backlog will convert to revenue in 2014. An economic downturn and/or budgetary restrictions may result in increased cancellation of orders, which could have a material adverse effect on our ability to convert our backlog into revenues. Other factors that may result in a cancellation of orders include changes, delays or cancellation of government programs, political and economic business events and trade restrictions.

### Item 1A Risk Factors

The following are certain risk factors that could impact our business, financial results and results of operations. Investing in our Common Stock involves risks, including those described below. The risk factors below, among others, should be considered by prospective and current investors in our Common Stock before making or evaluating an investment in our securities. These risk factors could cause actual results and conditions to differ materially from those projected herein.

Our dependence on government business could adversely affect our operating results

Contracts and purchase orders with agencies of the United States government and various state and local governments represented approximately 31% of our revenues in fiscal year 2013. The success of our business is therefore materially dependent on governmental agencies. Companies engaged in government business are subject to certain unique risks not shared by the general commercial sector. Among these risks are:

- a competitive procurement process with no guaranty of being awarded contracts;
- dependence on Congressional appropriations and administrative allotment of funds;
- policies and regulations that can be changed at any time by Congress or the Executive branch;
- changes in and delays or cancellations of government programs or requirements; and
- some contracts with Federal, state and local government agencies require annual funding and may be terminated at the agency's discretion.

## Table of Contents

A reduction or shift in spending priorities by government agencies could limit or eliminate the continued funding of our existing government contracts. These reductions or shifts in spending, if significant, could have a material adverse effect on our business.

Our dependence on international sales involves significant risk

Sales and services to customers outside the United States accounted for approximately 48%, 57% and 53% of our revenue for fiscal 2013, 2012 and 2011, respectively. Despite our comparatively lower international sales as a percentage of total revenue year over year in 2013, we continue to expect that our non-U.S. sales and services will continue to grow and account for a higher percentage of overall future revenues. International business operations may be adversely affected by many factors, including fluctuations in exchange rates, imposition of government controls, trade restrictions, political, economic and business events and social and cultural differences.

Intense competition can adversely affect our operating results

The hydro-meteorological monitoring equipment and systems market is intensely competitive. Significant competitive factors include price, technical capabilities, quality, automation, reliability, product availability and customer service. We face competition from established and potential new competitors, many of whom have greater financial, engineering, manufacturing and marketing resources than us. New products offered by our competitors could cause a decline in our revenue or a loss of market acceptance of our existing products and services. Increased competitive pressure could also lead to intensified price-based competition. Price-based competition may result in lower prices, adversely affecting our operating results.

The variability of our quarterly operating results can be significant

Our future revenues and operating results may vary significantly from quarter-to-quarter as a result of a number of factors, many of which are outside our control. These factors include the relatively large size of project or tender business, unpredictability in the number and timing of international sales, length of the sales cycle, delays in installations and changes in customer's financial condition or budgets.

Managing costs while planning for growth will be critical

We believe that we must expand our technical workforce and commit adequate resources to our research and development to develop new products, enhance existing products and serve the needs of our existing and anticipated customer base. Our ability to expand our operations successfully will depend, in large part, upon our ability to attract and retain highly qualified employees. Our ability to manage our planned growth effectively also will require that we continue to (1) improve our operational, management, and financial systems and controls, (2) train, motivate, and manage our employees and (3) have the capacity to increase operating expenses in anticipation that our new products will increase future revenues.

Technological changes may make our products obsolete or result in decreased prices or increased expenses

Technological changes may make our services or products obsolete. Advances in technology may lead to significant price erosion for products. Our success will depend in part on our ability to develop and offer more advanced products in the future, to anticipate both future demand and the technology to supply that demand, to enhance our current products and services, to provide those products and services at competitive prices on a timely and cost-effective basis and to achieve market acceptance of those products and services. To accomplish these goals, we may be required to incur significant engineering expenses. As new products or services are introduced, we may experience warranty claims or product returns. We may not be able to accomplish these goals correctly or timely

enough. If we fail in our efforts, our products and services may become less competitive or obsolete.

We do not rely on patents to protect our products or technology

We do not generally rely on patent protection for our products or technology. Competitors may develop technologies similar to or more advanced than ours. We treat our products, real-time networks, technology and software as proprietary and rely on trade secret laws and internal non-disclosure safeguards rather than making our designs and processes generally available to the public by applying for patents. We cannot assure that our current or future products will not be copied or will not infringe on the patents of others. Moreover, the cost of litigation of any claim or damages resulting from infringement of patents or other intellectual property could adversely affect our business, financial condition and results of operations.

## Table of Contents

We may incur losses due to foreign currency fluctuations

A portion of our revenue and costs are denominated in other foreign currencies. Consequently, a portion of our revenues, costs and operating margins may be affected by fluctuations in exchange rates between the U.S. dollar and the foreign currencies. We recognized foreign currency losses of approximately \$97,000, \$12,000 and \$62,000 in 2013, 2012, 2011, respectively. Fluctuations between the U.S. dollar and other foreign currencies may have a material adverse effect on our financial results.

Acquisition and integration of new businesses could disrupt our ongoing business, distract management and employees, increase our expenses or adversely affect our business

A portion of our future growth may be accomplished through the acquisition of other businesses. The success of those acquisitions will depend, in part, on our ability to integrate the acquired personnel, operations, products, services and technologies into our organization, to retain and motivate key personnel of the acquired entities and to retain the customers of those entities. We may not be able to identify suitable acquisition opportunities, obtain financing on acceptable terms to bring the acquisition to fruition or to integrate such personnel, operations, products or services effectively. The process of identifying and closing acquisition opportunities and integrating acquisitions into our operations may distract our management and employees, disrupt our ongoing business, increase our expenses and materially and adversely affect our operations. We may also be subject to certain other risks if we acquire other entities, such as the assumption of additional liabilities. We may issue additional equity securities or incur debt to pay for future acquisitions.

We do not have contracts with key suppliers

We have no written contracts with any of our suppliers. Our suppliers may terminate their relationships with us at any time without notice. There can be no assurance that we will be able to find satisfactory replacement suppliers or that new suppliers will not be more expensive than the current suppliers if any of our suppliers were to terminate their relationship with us.

We are highly dependent on key personnel

Our success has depended, and to a large extent will depend, on the continued services our key senior executives, and engineering, marketing, sales, production and other personnel. The loss of these key personnel, who would be difficult to replace, could harm our business and operating results. Competition for management in our industry is intense and we may be unsuccessful in attracting and retaining the executive management and other key personnel that we require. We do have an employment agreement with one key employee.

Item 1B – Unresolved Staff Comments

Not applicable

Item 2 – Properties

Our corporate headquarters are located at 22400 Davis Drive, Sterling, Virginia where we occupy 31,190 feet of space under a lease that expires in 2019. We also lease space in various locations throughout the United States and Asia for sales and other personnel. If we require additional space, we believe that we would be able to obtain such space on commercially reasonable terms.

Item 3 – Legal Proceedings

There are currently no legal claims that, in the opinion of management have a material effect on our financial statements.

Item 4 – Mine Safety Disclosures

Not applicable

9

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Table of Contents

## PART II

## Item 5 – Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

## Common Stock

Our common stock trades on the Nasdaq Capital Market (formerly the Nasdaq SmallCap Market) under the symbol “STRN”. On March 14, 2014, there were approximately 890 stockholders of record. The table below sets forth the high and low sales prices for the periods shown.

| Fiscal year ended December 31, 2013 | High    | Low     |
|-------------------------------------|---------|---------|
| First Quarter                       | \$ 6.10 | \$ 5.00 |
| Second Quarter                      | \$ 6.10 | \$ 5.14 |
| Third Quarter                       | \$ 5.83 | \$ 4.85 |
| Fourth Quarter                      | \$ 5.40 | \$ 4.25 |
|                                     |         |         |
| Fiscal year ended December 31, 2012 | High    | Low     |
| First Quarter                       | \$ 6.60 | \$ 4.80 |
| Second Quarter                      | \$ 6.89 | \$ 4.56 |
| Third Quarter                       | \$ 6.06 | \$ 4.90 |
| Fourth Quarter                      | \$ 5.58 | \$ 4.76 |

We have never declared or paid a dividend on our common stock.

The Company has established equity compensation plans to attract, motivate and reward performance of employees, officers and directors. Currently, there are three stock option plans under which options and other equity incentives can be issued: the 1996 and 2002 Amended and Restated Stock Plans that were not approved by stockholders and the 2010 Equity Incentive Plan that was approved by stockholders.

## Equity Compensation Plan Information

| Plan category  | Number of securities to be issued upon exercise of outstanding options, warrants and rights | Weighted-average exercise price of outstanding options, warrants and rights | Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in this table's first column) |
|--|---|---|--|
| Equity compensation plans approved by security holders | 46,125  | \$ -  | 434,750  |
|  | 113,723   | \$ 6.66   | 87,941   |

Equity compensation  
plans not approved by  
security holders

|       |         |    |      |         |
|-------|---------|----|------|---------|
| Total | 159,848 | \$ | 6.66 | 499,441 |
|-------|---------|----|------|---------|

Table of Contents

## Item 6 – Selected Financial Data

The following table sets forth consolidated financial data with respect to Sutron Corporation for the five-year period ended December 31, 2013. The information set forth below should be read in conjunction with “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and the Consolidated Financial Statements and related notes included elsewhere in this Form 10-K.

|   | (In thousands, except earnings per share data) |           |           |           |           |
|---|--|-----------|-----------|-----------|-----------|
|   | Years Ended December 31,                       |           |           |           |           |
|   | 2013   | 2012      | 2011      | 2010      | 2009      |
| <b>Income Statement Data</b>                    |  |           |           |           |           |
| Revenues  | \$ 27,208                                      | \$ 25,230 | \$ 20,222 | \$ 22,975 | \$ 20,851 |
| Operating income                                | 1,221  | 1,357     | 2,129     | 4,417     | 3,333     |
| Net Income                                      | 796  | 1,143     | 1,521     | 2,987     | 2,229     |
| Basic earnings per share                        | .16  | .24       | .33       | .65       | .49       |
| Diluted earnings per share                      | .16  | .23       | .31       | .60       | .45       |
| Shares used in computing basic per share data   | 5,053  | 4,803     | 4,620     | 4,573     | 4,571     |
| Shares used in computing diluted per share data | 5,109  | 4,889     | 4,921     | 4,995     | 4,975     |
| <b>Balance Sheet Data</b>                       |  |           |           |           |           |
| Cash  | \$ 9,133                                       | \$ 8,387  | \$ 9,498  | \$ 9,505  | \$ 4,791  |
| Working capital                                 | 16,858   | 16,592    | 18,973    | 17,086    | 13,931    |
| Total assets                                    | 28,143   | 26,871    | 24,083    | 22,987    | 19,528    |
| Long-term debt, including current portion       | -  | -         | -         | -         | -         |
| Stockholders' equity                            | 23,019   | 22,126    | 19,975    | 18,139    | 15,031    |
| Cash dividends declared                         | -  | -         | -         | -         | -         |

## Item 7 – Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis should be read in conjunction with our “Note Concerning Forward-Looking Statements,” “Item 1 – Business,” “Item 1A - Risk Factors,” “Item 6 – Selected Financial Data” and Consolidated Financial Statements, the notes to those statements and other financial information contained elsewhere in this Annual Report on Form 10-K.

## Background and Overview

Our primary focus is to provide real-time systems solutions, including equipment and software, and services to our customers in the areas of hydrological, meteorological, air quality and oceanic monitoring. We design, manufacture, market and sell these products and services to a diversified customer base consisting of federal, state, local and foreign governments, engineering firms, universities, hydropower companies and aviation firms. Our products, systems, software and services enable these entities to monitor and collect hydrological, meteorological, air quality and oceanic data for the management of critical water resources, early warning of potentially disastrous floods, storms or tsunamis, the optimization of hydropower plants, monitoring and management of air quality and the supply of critical aviation information.

Our key products are the SatLink2 Transmitter/Logger, the Xpert/XLite dataloggers, the Accububble Self-Contained Bubbler, the Accubar Pressure Sensor, Air Quality calibrators and Tempest, XConnect and LEADS systems

software. These are the essential components of most systems and are provided to customers as off-the-shelf equipment or as part of a custom system. The SatLink2 is a key product because it functions both as a transmitter and logger. The Xpert and XLite are more powerful dataloggers that have significant more logging capability and communications options than the SatLink2. Our Tempest, XConnect and LEADS systems software allow us to provide turn-key systems solutions to our customers.

We are beginning fiscal year 2014 with a backlog of approximately \$12,469,000 as compared to beginning fiscal year 2013 with a backlog of approximately \$13,354,000. We estimate that approximately 75% of our December 31, 2013 backlog will convert to revenue in 2014. We anticipate that we will continue to experience significant quarterly fluctuations in our sales and revenues in 2014 as our business is highly project driven and subject to governmental approval and funding processes. Operating results will depend upon the product mix and upon the timing and execution of project awards.

Table of Contents

International sales, which totaled 48% of revenues for 2013, are a significant portion of our revenues. International revenues have as a percentage of sales decreased from 57% for 2012. This reduction primarily was due to the Company's inability to secure any large projects. The Company did secure a number of small and mid-sized projects, but the real driver of significant growth in our International efforts is dependent on winning large projects. While the Company's international sales decreased year over year, the Company believes our international sales as a percentage of our total business will continue to rise in the near future due to stronger international partnerships and expanded international sales opportunities. International sales are however difficult to forecast because they are frequently delayed due to the different governmental procurement and approval processes. Our domestic business is highly dependent upon government business which generally requires competitive tenders and is subject to budgetary constraints. Contracts and purchase orders with Federal, state and local government agencies represented approximately 31% of our 2013 revenues.

We are committed in our ongoing sales, marketing and research and development activities to sustain and grow our sales and revenues from our products and services. We expect our sales and marketing expenses to increase in 2014 as compared to 2013 due to planned spending on those activities. We expect our 2014 research and development costs to be consistent with our 2013 levels as we continue developing new products and applications. We expect our 2014 general and administrative expenses to decrease as compared to 2013 due to planned reductions in consulting fees relative to implementing new policies and procedures across Sutron's larger business platforms.

On March 5, 2013, we completed the acquisition of substantially all of the commercial and operating assets Sabio Instruments. With this acquisition, we accomplished the expansion of our existing product and service portfolio into new global markets specifically in the air quality sector; assumption of ongoing contracts with significant governmental and commercial customers; retention of an extremely talented pool of six engineers, software developers, research and development and technical staff; and acceleration of Sutron's revenue growth by an estimated 5%-10% on an annual run rate basis. In combination, we present a broader, deeper and stronger enterprise. We will continue to seek other acquisitions that are compatible with our strategic plans.

Critical Accounting Estimates

The discussion and analysis of financial condition and results of operations is based upon the consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent assets and liabilities. We evaluate, on an on-going basis, our estimates and judgments, including those related to bad debts, excess and obsolete inventories, warranty obligations, income taxes, contingencies and litigation. Our estimates are based on historical experience and assumptions that we believe to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

We believe the following critical accounting policies, among others, affect our more significant judgments and estimates used in the preparation of the consolidated financial statements.

- Revenue recognition;
- Allowance for doubtful accounts;
- Allowances for excess and obsolete inventories;

· Accounting for warranty obligations;

· Accounting for income taxes; and

· Accounting and valuation of stock option compensation.

Revenue Recognition – Revenue for our products, consisting of both equipment and software, is recognized upon shipment, delivery, installation or customer acceptance of the product, as agreed in the customer order or contract. We do sell our software products without the related equipment although software products are integral to systems. Our typical system requires no significant production, modification or customization of the software or hardware. For complex systems, revenue is deferred until customer acceptance. We do provide customer discounts and do allow for product returns. We do not do consignment sales or bill and hold. Revenue reflects reductions due to discounts and product returns. Product returns have historically been insignificant in amount.

## Table of Contents

Our sales arrangements for systems often include services in addition to equipment and software. These services could include equipment integration, software customization, installation, maintenance, training, and customer support. For sales arrangements that include bundled hardware, software and services, we account for any undelivered service offering as a separate element of a multiple-element arrangement. Amounts allocated to each element are based on its objectively determined fair value, such as the sales price for the product or service when it is sold separately. Revenue for these services is typically recognized ratably over the period benefited or when the services are complete.

We use the percentage of completion method for recognizing revenue and profits when we perform on fixed price contracts that extend over a number of years. Under the percentage of completion method, revenue and profits are recorded as costs are incurred based on estimates of total sales value and costs at completion where total profit can be estimated with reasonable accuracy and ultimate realization is reasonably assured. Profit estimates are revised periodically based upon changes and facts, and any losses on contracts are recognized immediately. Contracts may contain provisions to earn incentive and award fees if targets are achieved. Incentive and award fees that can be reasonably estimated are recorded over the performance period of the contract. Incentive and award fees that cannot be reasonably estimated are recorded when awarded. We recognize revenue from time-and-materials contracts to the extent of billable rates, times hours delivered, plus direct materials costs incurred. Some of the contracts include provisions to withhold a portion of the contract value as retainage. Our policy is to take into revenue the full value of the contract, including any retainage, as we perform against the contract.

Allowance for Doubtful Accounts – Accounts receivable arise from the normal course of selling products on credit to customers. An allowance for doubtful accounts has been provided for estimated uncollectable accounts. Accounts receivable balances, historical bad debts, customer concentrations, customer creditworthiness, current economic trends and changes in customer payment terms and practices are analyzed when evaluating the adequacy of the allowance for doubtful accounts. Individual accounts are charged against the allowance when collection efforts have been exhausted.

Inventory Valuation – Our inventories are stated at the lower of cost or market. We provide allowances on inventories for any material that has become obsolete or may become unsalable based on estimates of future demand and sale price in the market. Judgments with respect to salability and usage of inventories, estimated market value, and recoverability upon sale are complex and subjective. Such assumptions are reviewed periodically and adjustments are made, as necessary, to reflect changed conditions.

Warranty Obligations – We warrant our products for up to two years and warranty costs are based upon management's best estimate of the amounts necessary to settle future and existing claims on equipment sold as of the balance sheet date. Factors considered include actual past experience of product returns and the related estimated cost of labor and material to make the necessary repairs as well as technological advances and enhanced design and manufacturing processes. If actual future product return rates or the actual costs of material and labor differ from the estimates, adjustments to the accrued warranty liability are made.

Income Taxes – We are taxed as a domestic U.S. corporation under the Internal Revenue Code. Deferred income tax assets and liabilities are recognized for the expected future tax consequences of events that have been included in the consolidated financial statements or tax returns. Deferred income tax assets and liabilities are determined based on the differences between the financial statement and tax basis of assets and liabilities using currently enacted tax rates in effect for the years in which the differences are expected to reverse. Deferred tax assets are evaluated and a valuation allowance is established if it is more likely than not that all or a portion of the tax asset will not be utilized.

Stock Option Compensation – We measure and recognize compensation expense for all share-based payment awards to employees and directors based on estimated fair values.



Table of Contents

## Results of Operations

The following table sets forth, for the periods presented, certain income statement data of the Company expressed as a percentage of revenues:

|  | Years ended December 31 |      |      |
|--|-------------------------|------|------|
|  | 2013                    | 2012 | 2011 |
| Net sales and revenues                       | 100%                    | 100% | 100% |
| Cost of sales and revenues                   | 60.4                    | 60.3 | 61.0 |
| Gross profit                                 | 39.6                    | 39.7 | 39.0 |
| Selling, general and administrative expenses | 22.5                    | 20.9 | 18.6 |
| Research and Development expenses            | 12.6                    | 13.4 | 9.9  |
| Operating income                             | 4.5                     | 5.4  | 10.5 |
| Interest income                              | .2                      | .3   | .5   |
| Income before income taxes                   | 4.7                     | 5.7  | 11.0 |
| Income taxes                                 | 1.7                     | 1.2  | 3.5  |
| Net income                                   | 3.0%                    | 4.5% | 7.5% |

## Fiscal 2013 Compared to Fiscal 2012

## Net Sales and Revenues

Revenues for the year ended December 31, 2013 increased 8% to \$27,208,304 from \$25,229,519 in 2012. Net sales and revenues are broken down between sales of standard products and sales of systems, software and services. Standard products had a net sales and revenue increase of 30% to \$10,588,226 in 2013 from \$8,131,734 in 2012. The increase is primarily due to an overall increase in standard product purchases by core customers as well as the addition of a new air quality product line through the Company's acquisition of Sabio Instruments. Net sales and revenues for systems, software and services decreased 3% to \$16,620,078 from \$17,097,785 in 2012. While the Company did add a number of new projects throughout 2013, the decrease is primarily due to the Company's inability to secure any new large projects. The Company is pursuing a number of larger projects in 2014.

Overall domestic revenues increased 31% to \$14,203,677 in 2013 versus \$10,805,283 in 2012. Our MeteoStar and Sabio divisions had domestic revenues of approximately \$4,756,572 in 2013. International revenues decreased 10% to \$13,004,627 in 2013 versus \$14,424,236 in 2012. Our MeteoStar and Sabio divisions contributed international revenues of approximately \$2,316,341. The overall decrease is primarily due to the Company's inability to secure any large international projects in 2013.

## Cost of Sales and Revenues

Cost of sales as a percentage of revenues was consistent at 60% for both of the 2013 and 2012 years. Cost of sales for standard products was approximately 58% in 2013 as compared to 55% in 2012. The increase in standard product cost of sales as a percentage of revenue is due to the addition of the Sabio line of products which historically have a lower associated margin. Cost of sales for systems and services was 62% in 2013 as compared to 63% in 2012. The decrease in cost of sales as a percentage of revenues for systems and services was primarily due to the mix of products associated with the 2013 projects.

Selling, General and Administrative Expenses

Selling, general and administrative expenses were \$6,124,930 in 2013 as compared to \$5,275,676 in 2012, a 16% increase. Selling, general and administrative expenses as a percentage of revenues increased to 23% in 2013 from 21% in 2012. The increase is primarily attributed to the acquisition of Sabio Instruments during the year and a full year of activity in 2013 for the prior year acquisition of IPS MeteoStar (as opposed to seven months in 2012) including an increase of \$375,000 related to legal and other professional fees associated with the Sabio acquisition and our corporate initiatives to strengthen the Company's policies and procedures. These increases were offset by reductions of approximately \$141,000 in our reserve for bad debts, international sales commissions, and warranty expenses, as well as a \$40,000 reduction in salary expense due to the departure of the Company's former Chief Financial Officer. With the organization growth, as well as deliberate infrastructure investments in our selling and marketing departments, we anticipate our selling, general and administrative expenses to be consistent, if not slightly higher in 2014.

## Table of Contents

### Product Research and Development Expenses

Product research and development expenses increased to \$3,438,250 in 2013 from \$3,384,393 in 2012, a 2% increase. Product research and development expenses as a percentage of revenue were consistently 13% for both of the 2013 and 2012 years. Research and development efforts are maintained at each of our main Sutron, MeteoStar and Sabio Divisions where 2013 research and development expenses totaled \$1,978,000, \$1,277,000 and \$183,000, respectively. Each of these Divisions is working on new products that the Company believes will be coming to market in the coming six to twelve months.

### Interest and Other Income, Net

Net interest and other income decreased to \$46,892 in 2013 as compared to \$74,783 in 2012.

### Income Taxes

Income tax expense for 2013 was \$471,984 compared to \$289,000 for 2012. The provision for income taxes for 2013 represents an effective tax rate of approximately 37% compared with 20% for 2012. The increase in the effective tax rate is primarily attributed to book and tax amortization differences resulting from the Company's amortization of acquisition intangibles and an adjustment to the Company's effective state tax rate to more appropriately reflect the net tax position of the Company's state tax filing obligations.

### Fiscal 2012 Compared to Fiscal 2011

#### Net Sales and Revenues

Revenues for the year ended December 31, 2012 increased 25% to \$25,229,519 from \$20,222,369 in 2011. Net sales and revenues are broken down between sales of standard products and sales of systems, software and services. Standard products had a net sales and revenue decrease of 10% to \$8,131,734 in 2012 from \$9,022,856 in 2011. The decrease is primarily due to approximately \$750,000 of one-time sales to a domestic customer in 2011. Net sales and revenues for systems, software and services increased 53% to \$17,097,785 from \$11,199,513 in 2011 primarily due to increased system sales and the acquisition in May 2012 of MeteoStar which had revenues of \$3,314,348.

Overall domestic revenues increased 13% to \$10,805,283 in 2012 versus \$9,589,549 in 2011. Our new MeteoStar Division had domestic revenues of approximately \$1,950,000 in 2012. International revenues increased 36% to \$14,424,236 in 2012 versus \$10,632,820 in 2011. The increase is attributed to increased system sales and to MeteoStar international revenues of approximately \$1,364,000.

#### Cost of Sales and Revenues

Cost of sales as a percentage of revenues decreased to 60% for 2012 compared to 61% for 2011. Cost of sales for standard products was approximately 55% in 2012 as compared to 54% in 2011. Cost of sales for systems and services was 63% in 2012 as compared to 67% in 2011. The decrease in cost of sales as a percentage of revenues was due to higher project activity resulting in greater efficiencies. Cost of sales for both 2012 and 2011 include provisions for inventory obsolescence, physical inventory adjustments, inventory valuation adjustments and warranty provision adjustments. We pursue product cost reductions through continual review of procurement sourcing based on quality and cost goals, product value engineering and improvements in manufacturing processes.

#### Selling, General and Administrative Expenses

Selling, general and administrative expenses were \$5,275,676 in 2012 as compared to \$3,773,942 in 2011, a 39% increase. Selling, general and administrative expenses as a percentage of revenues increased to 21% in 2012 from 19% in 2011. The increase is primarily attributed to MeteoStar operating expenses of approximately \$958,000, legal and other professional fees primarily related to the MeteoStar acquisition of approximately \$235,000, increased international commission expenses of approximately \$221,000 and increased bad debt expenses of approximately \$186,000.

## Table of Contents

### Product Research and Development Expenses

Product research and development expenses increased to \$3,384,393 in 2012 from \$1,993,183 in 2011, a 70% increase. Product research and development expenses as a percentage of revenues were 13% in 2012 as compared to 10% in 2011. Expenses increased in 2012 as compared to 2011 due primarily to MeteoStar software development costs of approximately \$1,221,000. Development efforts from our R&D group at our headquarters resulted in an increase of approximately \$170,000 due to enhancements made to existing products and work done on new products.

### Interest and Other Income, Net

Net interest and other income decreased to \$74,783 in 2012 as compared to \$101,515 in 2011.

### Income Taxes

Income tax expense for 2012 was \$289,000 compared to \$710,000 for 2011. The provision for income taxes for 2012 represents an effective tax rate of approximately 20% compared with 32% for 2011. The decrease in the effective tax rate is primarily attributed to the utilization of research and development tax credits.

### Off-Balance Sheet Arrangements

The Company is not a party to any off-balance sheet transactions, arrangements or obligations that have, or are reasonably likely to have, a material effect on the Company's financial condition, changes in the financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources. The Company provides bid and performance bonds to customers that are secured either by cash or under the Company's credit facility with our bank. If the Company fails to meet its bid or performance requirements, these bonds may be drawn upon by the customer resulting in the bank making payment to the customer in an amount not to exceed the amount of the respective bond.

### Liquidity and Capital Resources

Cash and cash equivalents were \$8,283,092 at December 31, 2013 compared to \$7,576,374 at December 31, 2012. Working capital increased to approximately \$16.9 million at December 31, 2013 compared with \$16.6 million at December 31, 2012.

Net cash provided by operating activities was \$2,178,449 for the year ended December 31, 2013. Net cash provided by operating activities was \$1,506,368 for the year ended December 31, 2012. Net cash used by operating activities was \$136,355 for the year ended December 31, 2011. Net cash provided by operating activities in 2013 was primarily due to a decrease in the income tax receivable and customer payments received in advance. Net cash provided by operating activities in 2012 was primarily due to a decrease in accounts receivable and an increase in accounts payable. Net cash used by operating activities in 2011 was primarily due to a significant increase in accounts receivable.

Net cash used by investing activities was \$1,448,288 for the year ended December 31, 2013. Net cash used by investing activities was \$3,538,736 for the year ended December 31, 2012. Net cash used by investing activities was \$46,834 for the year ended December 31, 2011. Net cash used by investing activities in 2013 was primarily due to the acquisition of Sabio Instruments. Net cash used by investing activities in 2012 was primarily due to the acquisition of IPS MeteoStar. Net cash provided by investing activities in 2011 was primarily due to purchases of property and equipment.

Net cash provided by financing activities was \$35,530, \$877,293 and \$339,718 for the year ended December 31, 2013, 2012 and 2011, respectively due to proceeds from the exercise of employee stock options and tax benefits relating to tax deductible employee compensation associated with the exercise of non-qualified stock options.

We have a line of credit facility of \$4,000,000 with a commercial bank. The line of credit is collateralized by the assets of the Company. Borrowings under the line of credit may be used towards working capital and the issuance of stand-by letters of credit. We are permitted to borrow based on accounts receivable and inventory according to pre-established criteria. The issuance of letters of credit against the line of credit reduces the borrowing capacity of the facility for working capital purposes. The maturity date of the credit facility is December 20, 2015. Borrowings under the agreement will bear interest payable monthly based on the bank's prime rate. As of December 31, 2013 and 2012, the Company did not have an outstanding balance under the terms of the line of credit agreement.

Table of Contents

The Company maintains letters of credit to satisfy bid or performance guarantees under certain contracts. As of December 31, 2013 and 2012, the commercial bank had issued stand-by letters of credit on behalf of the Company in the amount of \$1,663,000 and \$1,094,162, respectively. The amount of borrowing available under the line of credit was reduced by this amount.

Management believes that its existing cash resources, cash flow from operations and short-term borrowings on the existing credit line will provide adequate resources for supporting operations during fiscal 2014.

Item 7A – Quantitative and Qualitative Disclosures about Market Risk

Foreign Currency Exchange Rate Risk

Although the majority of our sales, costs of sales and selling costs are transacted in U.S. dollars, a portion of our revenue and costs are denominated in other foreign currencies. Consequently, a portion of our revenues, costs and operating margins may be affected by fluctuations in exchange rates between the U.S. dollar and the foreign currencies. We recognized foreign currency losses of approximately \$97,000, \$12,000, and \$62,000 in 2013, 2012, and 2011, respectively. Fluctuations between the U.S. dollar and other foreign currencies may have a material adverse effect on our financial results.

Interest Rate Risk

We currently invest our cash balances, in excess of our current needs, in an interest bearing savings account. We do not invest for the purposes of trading in securities. We do not use derivative financial instruments in our investments.

Table of Contents

Item 8 - Financial Statements and Supplementary Data

SUTRON CORPORTION  
INDEX TO CONSOLIDATED FINANCIAL STATEMENTS

|  |    |
|--|----|
| <u>Report of Independent Registered Public Accounting Firm</u>   | 19 |
| <u>Consolidated Balance Sheets at December 31, 2013 and 2012</u>   | 20 |
| <u>Consolidated Statements of Operations and Comprehensive Income for the Years ended December 31, 2013, 2012 and 2011</u> | 21 |
| <u>Consolidated Statements of Stockholders' Equity for the Years ended December 31, 2013, 2012 and 2011</u>                | 22 |
| <u>Consolidated Statements of Cash Flows for the Years ended December 31, 2013, 2012 and 2011</u>                          | 23 |
| <u>Notes to Consolidated Financial Statements</u>  | 24 |

Table of Contents

Certified Public Accountants  
and Consultants

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders  
Sutron Corporation and Subsidiary  
Sterling, Virginia

We have audited the accompanying consolidated balance sheets of Sutron Corporation and Subsidiary as of December 31, 2013 and 2012, and the related consolidated statements of operations and comprehensive income, stockholders' equity and cash flows for each of the three years ended December 31, 2013. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform an audit of its internal control over financial reporting. Our audit included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Sutron Corporation and Subsidiary as of December 31, 2013 and 2012, and the results of their operations and their cash flows for each of the three years ended December 31, 2013 in conformity with U.S. generally accepted accounting principles.

Winchester, Virginia  
March 31, 2014

Table of Contents

SUTRON CORPORATION  
CONSOLIDATED BALANCE SHEETS

|   | December 31,<br>2013 | December 31,<br>2012 |
|---|----------------------|----------------------|
| <b>ASSETS</b>   |                      |                      |
| Current Assets:   |                      |                      |
| Cash and cash equivalents   | \$ 8,283,092         | \$ 7,576,374         |
| Restricted cash and cash equivalents  | 850,279              | 810,396              |
| Accounts receivable, net  | 5,863,636            | 5,771,013            |
| Inventory   | 4,876,641            | 4,291,505            |
| Prepaid items and other assets  | 446,749              | 248,546              |
| Income taxes receivable   | 106,897              | 1,202,709            |
| Deferred income taxes   | 664,558              | 429,000              |
| Total Current Assets  | 21,091,852           | 20,329,543           |
| Property and Equipment, Net   | 1,532,144            | 1,698,218            |
| Other Assets  |                      |                      |
| Goodwill  | 4,452,152            | 3,768,435            |
| Intangibles, net of amortization  | 907,495              | 781,633              |
| Deferred tax asset  | 77,357               | 198,000              |
| Other assets  | 81,885               | 95,217               |
| Total Assets  | \$ 28,142,885        | \$ 26,871,046        |
| <b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>   |                      |                      |
| Current Liabilities:  |                      |                      |
| Accounts payable  | \$ 1,170,446         | \$ 1,300,917         |
| Accrued payroll   | 468,454              | 464,942              |
| Deferred revenue  | 686,029              | 531,397              |
| Other accrued expenses  | 1,520,261            | 1,134,279            |
| Billings in excess of costs and estimated earnings  | 388,687              | 306,148              |
| Total Current Liabilities   | 4,233,877            | 3,737,683            |
| Long-Term Liabilities   |                      |                      |
| Deferred rent   | 890,391              | 1,006,893            |
| Total Liabilities   | 5,124,268            | 4,744,576            |
| Stockholders' Equity  |                      |                      |
| Common stock, \$0.01 par value, 12,000,000 shares authorized;<br>5,066,009 and 5,039,632 issued and outstanding | 50,660               | 50,397               |
| Additional paid-in capital  | 5,340,277            | 5,185,325            |
| Retained earnings   | 17,869,256           | 17,073,351           |
| Accumulated other comprehensive loss  | (241,576)            | (182,603)            |
| Total Stockholders' Equity  | 23,018,617           | 22,126,470           |
| Total Liabilities and Stockholders' Equity  | \$ 28,142,885        | \$ 26,871,046        |

See accompanying notes to consolidated financial statements.



Table of Contents

SUTRON CORPORATION  
CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME

|  | For the Years Ended December 31, |               |               |
|--|----------------------------------|---------------|---------------|
|  | 2013                             | 2012          | 2011          |
| Net sales and revenues                       | \$ 27,208,304                    | \$ 25,229,519 | \$ 20,222,369 |
| Cost of sales and revenues                   | 16,424,127                       | 15,212,433    | 12,326,085    |
| Gross profit                                 | 10,784,177                       | 10,017,086    | 7,896,284     |
| Operating expenses:                          |                                  |               |               |
| Selling, general and administrative expenses | 6,124,930                        | 5,275,676     | 3,773,942     |
| Research and development expenses            | 3,438,250                        | 3,384,393     | 1,993,183     |
| Total operating expenses                     | 9,563,180                        | 8,660,069     | 5,767,125     |
| Operating income                             | 1,220,997                        | 1,357,017     | 2,129,159     |
| Financing income, net                        | 46,892                           | 74,783        | 101,515       |
| Income before income taxes                   | 1,267,889                        | 1,431,800     | 2,230,674     |
| Income tax expense                           | 471,984                          | 289,000       | 710,000       |
| Net income                                   | \$ 795,905                       | \$ 1,142,800  | \$ 1,520,674  |
| Net income per share:                        |                                  |               |               |
| Basic income per share                       | \$ .16                           | \$ .24        | \$ .33        |
| Diluted income per share                     | \$ .16                           | \$ .23        | \$ .31        |
| Comprehensive income (loss):                 |                                  |               |               |
| Net income                                   | 795,905                          | 1,142,800     | 1,520,674     |
| Foreign currency translation adjustments     | (58,973)                         | (6,094)       | (127,817 )    |
| Comprehensive income                         | \$ 736,932                       | \$ 1,136,706  | \$ 1,392,857  |

See accompanying notes to consolidated financial statements.

Table of Contents

SUTRON CORPORATION  
CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY

|  | Common<br>Shares | Stock<br>Par Value | Additional<br>Paid-In<br>Capital | Retained<br>Earnings | Accumulated<br>Other<br>Comprehensive<br>Loss | Total         |
|--|------------------|--------------------|----------------------------------|----------------------|---|---------------|
| Balances,<br>December 31,<br>2010              | 4,575,632        | \$ 45,757          | \$ 3,732,184                     | \$ -                 | \$ (48,692)                                   | \$ 18,139,126 |
| Net income                                     | -                | -                  | -                                | 1,520,674            | -   | 1,520,674     |
| Foreign currency<br>translation<br>adjustment  | -                | -                  | -                                | -                    | (127,817)                                     | (127,817)     |
| Amortization of<br>stock based<br>compensation | -                | -                  | 103,216                          | -                    | -   | 103,216       |
| Exercise of stock<br>options                   | 129,000          | 1,290              | 338,428                          | -                    | -   | 339,718       |
| Balances,<br>December 31,<br>2011              | 4,704,632        | \$ 47,047          | \$ 4,173,828                     | \$ 15,930,551        | \$ (176,509)                                  | \$ 19,974,917 |
| Net income                                     | -                | -                  | -                                | 1,142,800            | -   | 1,142,800     |
| Foreign currency<br>translation<br>adjustment  | -                | -                  | -                                | -                    | (6,094)                                       | (6,094)       |
| Amortization of<br>stock based<br>compensation | -                | -                  | 137,554                          | -                    | -   | 137,554       |
| Exercise of stock<br>options                   | 335,000          | 3,350              | 873,943                          | -                    | -   | 877,293       |
| Balances,<br>December 31,<br>2012              | 5,039,632        | \$ 50,397          | \$ 5,185,325                     | \$ 17,073,351        | \$ (182,603)                                  | \$ 22,126,470 |
| Net income                                     | -                | -                  | -                                | 795,905              | -   | 795,905       |
| Foreign currency<br>translation<br>adjustment  | -                | -                  | -                                | -                    | (58,973)                                      | (58,973)      |
| Issuance of stock                              | 19,125           | 191                | -                                | -                    | -   | 191           |
| Amortization of<br>stock based<br>compensation | -                | -                  | 119,685                          | -                    | -   | 119,685       |
| Exercise of stock<br>options                   | 7,252            | 72                 | 35,267                           | -                    | -   | 35,339        |
| Balances,<br>December 31,<br>2013              | 5,066,009        | \$ 50,660          | \$ 5,340,277                     | \$ 17,869,256        | \$ (241,576)                                  | \$ 23,018,617 |

See accompanying notes to consolidated financial statements.



Table of Contents

SUTRON CORPORATION  
CONSOLIDATED STATEMENTS OF CASH FLOWS

|  | For the Years Ended December 31, |                     |                     |
|--|----------------------------------|---------------------|---------------------|
|  | 2013                             | 2012                | 2011                |
| <b>Cash Flows from Operating Activities:</b>                 |                                  |                     |                     |
| Net income   | \$ 795,905                       | \$ 1,142,800        | \$ 1,520,674        |
| <b>Noncash items included in net income:</b>                 |                                  |                     |                     |
| Depreciation   | 382,996                          | 315,338             | 267,741             |
| Amortization of intangible assets                            | 176,138                          | 78,367              | -                   |
| Provision for bad debt                                       | (13,509)                         | 230,485             | 44,000              |
| Stock based compensation                                     | 119,685                          | 137,554             | 103,216             |
| Deferred income taxes  | (114,451)                        | (150,000)           | (34,000)            |
| (Gain) on disposal of property                               | -                                | -                   | (2,650)             |
| Tax benefit from stock options exercised                     | (30,408)                         | (603,993)           | (211,638)           |
| <b>Change in current assets and liabilities:</b>             |                                  |                     |                     |
| Accounts receivable  | 3,739                            | 752,936             | (1,417,459)         |
| Inventory  | (418,037)                        | (770,975)           | 238,172             |
| Prepaid items and other assets                               | (194,936)                        | 73,823              | 238,091             |
| Income taxes receivable                                      | 1,135,220                        | (214,770)           | (172,305)           |
| Accounts payable   | (130,471)                        | 501,910             | (320,677)           |
| Deferred revenues  | 154,632                          | 382,602             | 126,468             |
| Accrued expenses   | 345,909                          | (353,875)           | (248,779)           |
| Billings in excess of costs and estimated earnings           | 82,539                           | 105,133             | (160,684)           |
| Deferred rent  | (116,502)                        | (120,967)           | (106,525)           |
| <b>Net Cash Provided (Used) by Operating Activities</b>      | <b>2,178,449</b>                 | <b>1,506,368</b>    | <b>(136,355)</b>    |
| <b>Cash Flows from Investing Activities:</b>                 |                                  |                     |                     |
| Restricted cash and cash equivalents                         | (39,883)                         | (50,359)            | 36,152              |
| Purchase of property and equipment                           | (207,407)                        | (179,131)           | (85,650)            |
| Business acquisition   | (1,214,330)                      | (4,241,914)         | -                   |
| Certificate of deposit                                       | -                                | 924,294             | (5,164)             |
| Other assets   | 13,332                           | 8,374               | 5,178               |
| Proceeds from the sale of property and equipment             | -                                | -                   | 2,650               |
| <b>Net Cash Provided (Used) by Investing Activities</b>      | <b>(1,448,288)</b>               | <b>(3,538,736)</b>  | <b>(46,834)</b>     |
| <b>Cash Flows from Financing Activities:</b>                 |                                  |                     |                     |
| Tax benefit from stock options exercised                     | 30,408                           | 603,993             | 211,638             |
| Proceeds from stock options exercised                        | 5,122                            | 273,300             | 128,080             |
| <b>Net Cash Provided (Used) by Financing Activities</b>      | <b>35,530</b>                    | <b>877,293</b>      | <b>339,718</b>      |
| Effect of exchange rate changes on cash and cash equivalents | (58,973)                         | (6,094)             | (127,817)           |
| <b>Net increase (decrease) in cash and cash equivalents</b>  | <b>706,718</b>                   | <b>(1,161,169)</b>  | <b>28,712</b>       |
| Cash and Cash Equivalents, beginning of year                 | 7,576,374                        | 8,737,543           | 8,708,831           |
| <b>Cash and Cash Equivalents, end of year</b>                | <b>\$ 8,283,092</b>              | <b>\$ 7,576,374</b> | <b>\$ 8,737,543</b> |

See accompanying notes to consolidated financial statements.



Table of Contents

SUTRON CORPORATION  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
Years ended December 31, 2013, 2012 and 2011

1. ORGANIZATION AND BASIS OF PRESENTATION

Sutron Corporation (“Company”) was incorporated on December 30, 1975, under the General Laws of the Commonwealth of Virginia. The Company is a leading provider of real-time data collection and control products, systems and applications software and professional services in the hydrological, meteorological and oceanic monitoring markets. The Company’s products include data loggers, satellite transmitters/loggers, sensors and system and applications software. Customers consist of a diversified base of Federal, state, local and foreign government agencies, universities, engineering firms, hydropower companies and aviation companies.

The Company operates from its headquarters located in Sterling, Virginia. The Company has branch offices located throughout the United States and a branch office in India. The Company has established a wholly-owned subsidiary, Sutron HydroMet Systems, Private Limited, which is located in New Delhi, India.

Basis of Presentation

The consolidated financial statements include the accounts of Sutron and its wholly-owned subsidiary, Sutron HydroMet Systems, Private Ltd. All intercompany balances and transactions have been eliminated.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Revenue Recognition

Revenue for the Company’s products, consisting of both equipment and software, is recognized upon shipment, delivery, installation or customer acceptance of the product, as agreed in the customer order or contract. Sutron does sell its software products without the related equipment although software products are integral to systems. The Company’s typical system requires no significant production, modification or customization of the software or hardware. For complex systems, revenue is deferred until customer acceptance. The Company does provide customer discounts and does allow for product returns. The Company does not do consignment sales or bill and hold arrangements. Revenue reflects reductions due to discounts and product returns. Product returns have historically been insignificant in amount.

The Company’s sales arrangements for systems often include services in addition to equipment and software. These services could include equipment integration, software customization, installation, maintenance, training, and customer support. For sales arrangements that include bundled hardware, software and services, Sutron accounts for any undelivered service offering as a separate element of a multiple-element arrangement. Amounts allocated to each element are based on its objectively determined fair value, such as the sales price for the product or service when it is sold separately. Revenue for these services is typically recognized ratably over the period benefited or when the services are complete.

The Company uses the percentage of completion method for recognizing revenue and profits when it performs on fixed price contracts that extend over a number of years. Under the percentage of completion method, revenue and profits are recorded as costs are incurred based on estimates of total sales value and costs at completion where total profit can be estimated with reasonable accuracy and ultimate realization is reasonably assured. Profit estimates are revised periodically based upon changes and facts, and any losses on contracts are recognized immediately. Contracts may contain provisions to earn incentive and award fees if targets are achieved. Incentive and award fees that can be

reasonably estimated are recorded over the performance period of the contract. Incentive and award fees that cannot be reasonably estimated are recorded when awarded. The Company recognizes revenue from time-and-materials contracts to the extent of billable rates, times hours delivered, plus direct materials costs incurred. Some of the contracts include provisions to withhold a portion of the contract value as retainage. The Company's policy is to take into revenue the full value of the contract, including any retainage, as it performs against the contract. Contract costs include allocated indirect costs. Anticipated losses on all contracts are recognized as soon as they become known. Costs on contracts in excess of related billings are reflected as unbilled receivables and are included in accounts receivable. Billings in excess of costs are reflected as a liability.

## Table of Contents

### Cash and Cash Equivalents

For purposes of the consolidated statements of cash flows, cash equivalents include time deposits and all highly liquid debt instruments with original maturities of three months or less. Interest paid approximated \$467, \$900 and \$900 for the years ended December 31, 2013, 2012 and 2011. Income taxes paid approximated \$6,000, \$366,000 and \$706,000 for the years ended December 31, 2013, 2012 and 2011, respectively. Foreign income tax expense approximated \$36,000, \$328,000 and \$33,000 for the years ended December 31, 2013, 2012 and 2011, respectively.

### Restricted Cash

For the years ended December 31, 2013 and 2012, the Company had submitted bid bonds or performance bonds on both official tenders or awarded contracts. At December 31, 2013 and 2012, cash in the amount of \$850,279 and \$810,396, respectively, was restricted for bid or performance bonds.

### Accounts Receivable

Based on management's evaluation of uncollected accounts receivable at the end of each year, bad debts are provided for utilizing the allowance method. Bad debt expense, net of recoveries, for the years ending December 31, 2013, 2012, and 2011 was \$(13,509), \$230,485 and \$44,000, respectively.

### Inventory

Inventory is stated at the lower of cost or market. Electronic components costs, work in process and finished goods costs consist of materials, labor and overhead and are recorded at a standard cost that approximates the average cost method. The Company provides allowances on inventories for any material that has become obsolete or may become unsellable based on estimates of future demand and sale price in the market.

### Property and Equipment

Property and equipment is recorded at cost and depreciated over their estimated useful lives, ranging from three to ten years, using the straight-line method for financial statement purposes, and the straight-line and accelerated methods for income tax purposes. Expenditures for maintenance, repairs, and improvements that do not materially extend the useful lives of the assets are charged to earnings as incurred. When items of property and equipment are disposed of, the cost of the asset and the related accumulated depreciation are removed from the accounts. Any gain or loss resulting from the removal from service is taken into the current period earnings.

### Goodwill

Goodwill represents the excess of the purchase price over the fair value of identifiable assets acquired and liabilities assumed when a business is acquired. Goodwill is not amortized but is evaluated for potential impairment at least annually by comparing the fair value of a reporting unit to its carrying value including goodwill recorded by the reporting unit. During the year if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying value, an interim goodwill analysis would be performed. If the carrying value exceeds the fair value, impairment is measured by comparing the implied fair value of the goodwill to its carrying value, and any impairment determined is recorded in the current period.

On an annual basis the Company performs the impairment assessment for goodwill at the reporting unit level. The Company completed its annual impairment analysis during the fourth quarter of each of the years ended December 31, 2013, 2012 and 2011 and determined that there was no impairment of goodwill as of each balance sheet date.

### Intangible Assets

Intangible assets are comprised of customer lists, software, and existing product technology with estimated useful lives of seven, five and five years, respectively. Intangible assets are amortized over their estimated lives using the straight-line method.

25

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## Table of Contents

### Impairment of Long-Lived Assets

Long-lived assets are evaluated for impairment whenever events or changes in circumstances have indicated that an asset may not be recoverable and are grouped with other assets to the lowest level for which identifiable cash flows are largely independent of the cash flows of other groups of assets and liabilities. If the sum of the projected undiscounted cash flows (excluding interest charges) is less than the carrying value of the assets, the assets will be written down to the estimated fair value and such loss is recognized in income from continuing operations in the period in which the determination is made. Management determined that no impairment of long-lived assets existed as of December 31, 2013 and 2012.

### Income Taxes

The Company utilizes an asset and liability approach to accounting for income taxes. The objective is to recognize the amount of income taxes payable or refundable in the current year based on the Company's income tax return and the deferred tax liabilities and assets for the expected future tax consequences of events that have been recognized in the Company's financial statements or tax returns. The asset and liability method accounts for deferred income taxes by applying enacted statutory rates to temporary differences, the difference between financial statement amounts and tax basis of assets and liabilities. The resulting deferred tax liabilities or assets are classified as current or noncurrent based on the classification of the related asset or liability. Deferred income tax liabilities or assets are adjusted to reflect changes in tax laws or rates in the year of enactment.

Management has evaluated the Company's tax positions and concluded that the Company had taken no uncertain tax positions that require adjustment to the financial statements to comply with the provisions of this guidance. With few exceptions, the Company is no longer subject to income tax examinations by the U.S. federal, state or local tax authorities for years before 2010.

### Capital

The Company has 12,000,000, \$.01 par value, shares of authorized common stock. There were 5,066,009 and shares issued and outstanding at December 31, 2013 and 5,039,632 shares issued and outstanding at December 31, 2012.

### Foreign Currency Translation

Results of operations for the Company's foreign branch office and foreign wholly-owned subsidiary are translated from the designated functional currency to the U.S. dollar using average exchange rates during the period, while assets and liabilities of the foreign branch office are translated at the exchange rate in effect at the reporting date. Resulting gains or losses from translating foreign currency financial statements are included in accumulated other comprehensive loss.

### Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could vary from the estimates that were used.

### Earnings per Share

The Company presents two categories of earnings per share, basic EPS and diluted EPS. Basic EPS excludes dilution and is computed by dividing income available to common stockholders by the weighted-average number of common shares outstanding for the year. Diluted EPS reflects the potential dilution that could occur if securities or other contracts to issue common stock were exercised or converted into common stock or resulted in the issuance of common stock that then shared in the earnings of the Company.

#### Stock Compensation Plans

The Company measures and recognizes compensation expense for all share-based payment awards to employees and directors based on estimated fair values.

Table of Contents

## Research and Development

Research and development expenses include payroll, employee benefits, stock-based compensation expense, and other employee related expenses associated with product development. Research and development expenses also include third-party development and programming costs.

## Recent Accounting Pronouncements

In July 2013, the FASB issued ASU 2013-11, Presentation of an Unrecognized Tax Benefit When a Net Operating Loss Carryforward, a Similar Tax Loss, or a Tax Credit Carryforward Exists, which requires standard presentation of an unrecognized tax benefit when a carryforward related to net operating losses or tax credits exist. This update is effective for fiscal years and interim periods within those fiscal years beginning after December 15, 2013. The adoption of this ASU is not expected to have an impact on our financial position, results of operations or cash flows.

In July 2012, the FASB issued ASU 2012-02, "Intangibles—Goodwill and Other (Topic 350): Testing Indefinite-Lived Intangible Assets for Impairment," which provides entities with the option to assess qualitative factors to determine whether the existence of events and circumstances indicates that it is more likely than not that the indefinite-lived intangible asset is impaired. If the entity concludes that it is more likely than not that the asset is impaired, it is required to determine the fair value of the intangible asset and perform the quantitative impairment test by comparing the fair value with the carrying value in accordance with Topic 350. If the entity concludes otherwise, no further quantitative assessment is required. ASU 2012-02 is effective on January 1, 2013. The adoption of ASU 2012-02 did not have a material impact on the Company's consolidated financial statements.

## 3. ACCOUNTS RECEIVABLE

Accounts receivable at December 31, consists of the following:

|  | 2013         | 2012         |
|--|--------------|--------------|
| Trade receivables                                  | \$ 4,335,205 | \$ 4,869,164 |
| Costs in excess of billings and estimated earnings | 1,383,418    | 702,725      |
| Contract retainage                                 | 249,013      | 314,124      |
| Allowance for doubtful accounts                    | (104,000)    | (115,000)    |
| Totals   | \$ 5,863,636 | \$ 5,771,013 |

## 4. INVENTORY

Inventory consists of the following at December 31:

|                                  | 2013         | 2012         |
|----------------------------------|--------------|--------------|
| Electronic components            | \$ 2,556,827 | \$ 1,982,088 |
| Work in process                  | 1,936,202    | 1,937,245    |
| Finished goods                   | 1,109,491    | 1,098,135    |
| Allowance for obsolete inventory | (725,879)    | (725,963)    |
| Totals                           | \$ 4,876,641 | \$ 4,291,505 |



Table of Contents

## 5. PROPERTY AND EQUIPMENT

A summary of property and equipment at December 31 is as follows:

|                                   | 2013         | 2012         |
|-----------------------------------|--------------|--------------|
| Furniture, fixtures and equipment | \$ 2,581,754 | \$ 2,395,252 |
| Vehicles                          | 253,176      | 253,176      |
| Leasehold improvements            | 1,591,537    | 1,563,857    |
| Totals                            | \$ 4,426,467 | \$ 4,212,285 |

Accumulated depreciation at December 31 is as follows:

|                                   | 2013         | 2012         |
|-----------------------------------|--------------|--------------|
| Furniture, fixtures and equipment | \$ 1,929,301 | \$ 1,710,419 |
| Vehicles                          | 242,726      | 237,626      |
| Leasehold improvements            | 722,296      | 566,022      |
| Totals                            | \$ 2,894,323 | \$ 2,514,067 |
| Property and Equipment, Net       | \$ 1,532,144 | \$ 1,698,218 |

Depreciation expense totaled \$382,996, \$315,338 and \$267,741 for the years ended December 31, 2013, 2012 and 2011, respectively.

## 6. GOODWILL AND INTANGIBLES

The change in carrying value of goodwill for the year ended December 31, 2013 is as follows:

|                                  |             |
|----------------------------------|-------------|
| Balance as of December 31, 2011  | \$570,150   |
| Acquisition of IPS MeteoStar     | 3,198,285   |
| Balance as of December 31, 2012  | \$3,768,435 |
| Acquisition of Sabio Instruments | 683,717     |
| Balance as of December 31, 2013  | \$4,452,152 |

The carrying values of the Company's amortizable acquired intangible assets are as follows:

|                        | December 31, 2013           |                             |                           |
|------------------------|-----------------------------|-----------------------------|---------------------------|
|                        | Gross<br>Carrying<br>Amount | Accumulated<br>Amortization | Net<br>Carrying<br>Amount |
| Customer relationships | 829,000                     | (169,084 )                  | 659,916                   |
| Acquired technology    | 333,000                     | (85,421 )                   | 247,579                   |
|                        | \$ 1,162,000                | \$ (254,505 )               | \$ 907,495                |

Table of Contents

|                        | December 31, 2012           |                             |                           |
|------------------------|-----------------------------|-----------------------------|---------------------------|
|                        | Gross<br>Carrying<br>Amount | Accumulated<br>Amortization | Net<br>Carrying<br>Amount |
| Customer relationships | 659,000                     | (54,917 )                   | 604,083                   |
| Acquired technology    | 201,000                     | (23,450 )                   | 177,550                   |
|                        | \$ 860,000                  | \$ (78,367 )                | \$ 781,633                |

Amortization expense related to intangible assets was approximately \$176,138 and \$78,367 for the years ended December 31, 2013 and 2012, respectively.

The weighted average remaining amortization period by major asset class as of December 31, 2013 is as follows:

|                        | (In years) |
|------------------------|------------|
| Acquired technology    | 3.7        |
| Customer relationships | 5.6        |

The estimated future amortization of acquired intangible assets as of December 31, 2013 is as follows:

|            |            |
|------------|------------|
| 2014       | \$ 185,029 |
| 2015       | 185,029    |
| 2016       | 185,029    |
| 2017       | 161,579    |
| 2018       | 123,269    |
| Thereafter | 67,560     |
|            | \$ 907,495 |

## 7. CONTRACTS IN PROGRESS

A summary of contracts in progress at December 31 is as follows:

|   | 2013         | 2012         |
|---|--------------|--------------|
| Costs incurred to date  | \$ 6,471,964 | \$ 7,577,349 |
| Estimated earnings  | 3,052,272    | 4,135,820    |
| Revenue recognized to date  | 9,524,236    | 11,713,169   |
| Billings to date  | (8,529,505)  | (11,316,592) |
|   | \$ 994,731   | \$ 396,577   |
| Included in the accompanying balance sheets:                                |              |              |
| Costs in excess of billings on uncompleted contracts (unbilled receivables) | \$ 1,383,418 | \$ 702,725   |
| Billings in excess of costs on uncompleted contracts                        | (388,687)    | (306,148)    |
|   | \$ 994,731   | \$ 396,577   |



Table of Contents

## 8. LINE OF CREDIT

The Company has a \$4,000,000 line of credit with a commercial bank. Borrowings under the line of credit shall be used towards working capital and the issuance of stand-by letters of credit. The line of credit is collateralized by substantially all of the assets of the Company. The maturity date of the credit facility is December 20, 2015. Borrowings under the agreement will bear interest payable monthly based on the bank's prime rate.

Under the terms of the loan agreement, the Company is required to maintain usual and customary covenants, including, but not limited to a financial covenant with regard to Tangible Net Worth. As of December 31, 2013, the Company was in full compliance with all covenants contained in the agreement and remains so as of the date of this report.

As of December 31, 2013 and 2012, the Company did not have an outstanding balance under the terms of the line of credit agreement.

The Company maintains letters of credit to satisfy bid or performance guarantees under certain contracts. As of December 31, 2013 and 2012, the commercial bank had issued stand-by letters of credit on behalf of the Company in the amount of \$1,663,000 and \$1,094,162, respectively. The amount available under the line of credit was reduced by this amount.

## 9. OTHER ACCRUED EXPENSES

Components of other accrued expenses consist of the following at December 31:

|                           | 2013         | 2012         |
|---------------------------|--------------|--------------|
| Accrued vacation pay      | \$ 488,446   | \$ 480,307   |
| Accrued warranty costs    | 217,000      | 299,000      |
| Customer advance payments | 696,970      | 214,921      |
| Other accruals            | 117,845      | 140,051      |
| Totals                    | \$ 1,520,261 | \$ 1,134,279 |

## 10. ACCRUED WARRANTY COSTS

The Company warrants its products for up to two years and estimated warranty costs are based upon management's best estimate of the amounts necessary to settle future and existing claims on equipment sold as of the balance sheet date. Factors considered include actual past experience of product returns and the related estimated cost of labor and material to make the necessary repairs as well as technological advances and enhanced design and manufacturing processes. If actual future product return rates or the actual costs of material and labor differ from the estimates, adjustments to the accrued warranty liability are made. Changes to the product warranty reserve are identified below and represent adjustments to the reserve based on management estimates and other factors as noted above:

|                                 |            |
|---------------------------------|------------|
| Balance as of December 31, 2010 | \$ 311,000 |
| Reserve adjustment              | (41,000)   |
| Balance as of December 31, 2011 | 270,000    |
| Reserve adjustment              | 29,000     |
| Balance as of December 31, 2012 | 299,000    |
| Reserve adjustment              | (82,000)   |

|                                 |            |
|---------------------------------|------------|
| Balance as of December 31, 2013 | \$ 217,000 |
|---------------------------------|------------|

11. LEASE OBLIGATIONS

The Company leases its facilities and accounts for those leases as operating leases. For facility leases that contain rent escalations or rent concession provisions, the Company records the total rent payable during the lease term on a straight-line basis over the term of the lease. The Company records the difference between the rent paid and the straight-line rent as a deferred rent liability.

30

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Table of Contents

Leasehold improvements funded by the landlord incentives or allowances are recorded as leasehold improvement assets and a deferred rent liability which is amortized as a reduction of rent expense over the term of the lease.

The Company is obligated under various non-cancellable operating leases for office facilities. Future minimum lease payments under non-cancellable lease agreements with initial terms of one year or more are as follows:

The following is a schedule of future minimum lease payments by year:

| Years ending<br>December 31: |              |
|------------------------------|--------------|
| 2014                         | \$ 641,856   |
| 2015                         | 592,520      |
| 2016                         | 606,049      |
| 2017                         | 595,284      |
| 2018                         | 609,906      |
| Thereafter                   | 403,358      |
| Total                        | \$ 3,448,973 |

Total rent expense under non-cancellable operating leases was \$677,917, \$522,965 and \$410,773 for the years ended December 31, 2013, 2012 and 2011, respectively.

## 12. INCOME TAXES

The income tax expense charged to operations for the years ended December 31, were as follows:

|                             | 2013       | 2012       | 2011       |
|-----------------------------|------------|------------|------------|
| Domestic income tax expense | \$ 550,608 | \$ 111,000 | \$ 711,000 |
| Foreign income tax expense  | 35,827     | 328,000    | 33,000     |
| Deferred tax benefit        | (114,451)  | (150,000)  | (34,000)   |
| Total income tax expense    | \$ 471,984 | \$ 289,000 | \$ 710,000 |

Deferred tax assets, are comprised of the following at December 31:

|   | 2013       | 2012       |
|---|------------|------------|
| Accrued vacation and warranty                 | \$ 228,613 | \$ 304,000 |
| Stock compensation additional paid in capital | 203,205    | 218,000    |
| Accounts receivable and inventory allowances  | 115,603    | 125,000    |
| Depreciation                                  | 17,413     | -          |
| Research Tax Credit                           | 320,342    | -          |
| Intangibles                                   | -          | 19,000     |
| Gross deferred tax assets                     | 885,176    | 666,000    |
| Intangibles amortization                      | (143,261 ) | -          |
| Gross deferred tax liability – depreciation   | -          | (39,000 )  |
| Net deferred tax assets                       | \$ 741,915 | \$ 627,000 |



Table of Contents

The net deferred tax asset amount mentioned above has been classified on the consolidated balance sheets as of December 31, as follows:

|                         | 2013       | 2012       |
|-------------------------|------------|------------|
| Current                 | \$ 664,558 | \$ 429,000 |
| Non-current             | 77,357     | 198,000    |
| Net deferred tax assets | \$ 741,915 | \$ 627,000 |

The realization of the deferred tax assets is dependent on future taxable earnings. The Company has not provided for a deferred tax asset valuation allowance due to their current and anticipated future earnings.

Reconciliation of the amount of reported income tax expense and the amount computed by multiplying the applicable statutory Federal income tax rate is as follows:

|   | 2013         | 2012         | 2011         |
|---|--------------|--------------|--------------|
| Income before income taxes                        | \$ 1,267,889 | \$ 1,431,800 | \$ 2,230,674 |
| Applicable statutory tax rate                     | 34 %         | 34 %         | 34 %         |
| Computed "expected" Federal income tax expense    | 431,082      | 487,000      | 758,000      |
| Adjustments to Federal income tax resulting from: |              |              |              |
| State income tax expense                          | 23,104       | 24,000       | 99,000       |
| Tax credits and other                             | 17,798       | (222,000 )   | (147,000 )   |
| Income tax expense                                | \$ 471,984   | \$ 289,000   | \$ 710,000   |

## 13. MAJOR CUSTOMERS

Net sales for the years ended December 31, 2013, 2012 and 2011, include sales to the following major customers, together with the receivables due from the major customers:

|   | Net Sales<br>Year Ended December 31, |              |              | % to Total Net Sales<br>Year Ended December 31, |      |      |
|---|--------------------------------------|--------------|--------------|---|------|------|
|   | 2013                                 | 2012         | 2011         | 2013  | 2012 | 2011 |
| U.S. Government Agencies                  | \$ 5,373,652                         | \$ 5,305,622 | \$ 5,778,656 | 20%   | 21%  | 29%  |
| Ministry of Energy and Water, Afghanistan | 448,988                              | 2,750,143    | 2,268,219    | 2%  | 11%  | 11%  |
|   | \$ 5,822,640                         | \$ 8,055,765 | \$ 8,046,875 | 22%   | 32%  | 40%  |

|   | Accounts Receivable<br>Amount at December 31, |              |              | % of Total Accounts<br>Receivable at December 31, |      |      |
|---|---|--------------|--------------|---|------|------|
|   | 2013  | 2012         | 2011         | 2013  | 2012 | 2011 |
| U.S. Government Agencies                  | \$ 478,826                                    | \$ 211,639   | \$ 1,460,810 | 8%  | 4%   | 22%  |
| Ministry of Energy and Water, Afghanistan | 440,935                                       | 1,325,693    | 1,447,536    | 8%  | 23%  | 21%  |
|   | \$ 919,761                                    | \$ 1,537,332 | \$ 2,908,346 | 16%   | 27%  | 43%  |

Because of the nature of the Company's business, the major customers may vary between years.

Table of Contents

## 14. STOCK BASED COMPENSATION

The Company's Amended and Restated 1996, 1997 and 2002 Stock Option Plans (the "Stock Option Plans") provide for the issuance of non-qualified stock options to employees, officers and directors. The Company's 2010 Equity Incentive Plan provides for the grant of stock options, stock appreciation rights, restricted stock, stock units, unrestricted stock, dividend equivalent rights and cash awards. All plans are administered by the compensation committee of the Board of Directors who select persons to receive awards and determines the number of shares subject to each award and the terms, conditions, performance measures and other provisions of the award.

The Company has granted stock options under the Stock Option Plans to key employees and directors for valuable services provided to the Company. Under the 1996 Plan, the Company authorized 260,000 shares, all of which have been granted. The Company authorized 60,000 shares under the 1997 Plan, all of which have been granted. Under the 2002 Stock Option Plan, the Company authorized 650,000 shares, 562,059 of which have been granted. The 1996, 1997 and 2002 Plans remain in effect until such time as no shares of Stock remain available for issuance under the Plans and the Company and the person awarded options have no further rights or obligations under the Plans. Under the 2010 Equity Incentive Plan, the Company authorized 500,000 shares, 65,246 of which have been granted as restricted stock units. The ability to make awards under the 2010 Plan will terminate in May 2020. Stock options under all of the plans may be granted at not less than 100 percent of the fair market value at the grant date. All outstanding options have a ten-year term from the date of grant. Cancelled or expired options can be reissued.

The Company measures and recognizes compensation expense for all stock-based payments at fair value. The Company recognizes stock-based compensation costs on a straight-line basis over the requisite service period of the award, which is generally the option or restricted stock unit (RSU) vesting term. There were no stock options granted during the twelve months ended December 31, 2013 or December 31, 2012. There were 9,000 RSU's granted to key employees and directors during the twelve months ended December 31, 2013 however 13,125 RSU's failed to meet their goals and did not vest. There were 79,500 RSU's granted to key employees and directors during the twelve months ended December 31, 2012 however 10,125 RSU's failed to meet their goals and did not vest. Stock based compensation expense relating to stock option awards and RSU's for the years ended December 31, 2013, 2012 and 2011 was \$119,685, \$137,554 and \$103,216, respectively. These expenses were included in the cost of sales and selling, general and administrative lines of the Consolidated Statements of Operations. Unamortized stock compensation expense as of December 31, 2013 relating to stock options totaled approximately \$16,000 and these costs will be expensed over a weighted average period of approximately 1.5 years. Unamortized stock compensation expense as of December 31, 2013 relating to RSU's totaled approximately \$114,000 and these costs will be expensed over a weighted average period of approximately one year.

For stock options granted during the years ended December 31, 2011, the Company used the Black-Scholes model to estimate the fair value of the options. The Black-Scholes model estimates the per share fair value of an option on its date of grant based on the option's exercise price; the price of the underlying stock on the date of grant; the estimated dividend yield; a "risk-free" interest rate; the estimated option term; and the expected volatility. For the "risk-free" interest rate, the Company uses a United States Treasury Bond due in the number of years equal to the option's expected term. The estimated option term is based upon the contractual term of the option. To determine expected volatility, the Company analyzes the historical volatility of its stock. The valuation assumptions used are shown below:

|                        | 2011         |
|------------------------|--------------|
| Risk free rate         | 2.66 - 3.19% |
| Expected volatility    | 39%          |
| Dividend yield         | 0%           |
| Expected term in years | 10           |



Table of Contents

The following table summarizes stock option activity under the Stock Option Plans for the last three years:

|                                    | 2013      |                |              |           |
|------------------------------------|-----------|----------------|--------------|-----------|
|                                    | Number of | Weighted       | Weighted     | Aggregate |
|                                    | Shares    | Average        | Remaining    | Intrinsic |
|                                    |           | Exercise Price | Contractual  | Value     |
|                                    |           |                | Term (Years) |           |
| Outstanding at beginning of period | 155,978   | \$ 6.45        | 5.55         | \$ 33,991 |
| Granted                            | -         | -              | -            | -         |
| Exercised                          | (7,252)   | 0.68           | -            | 32,489    |
| Forfeited or expired               | (35,000)  | 6.97           | -            | -         |
| Outstanding at end of period       | 113,726   | \$ 6.66        | 4.94         | \$ 1,600  |
| Exercisable at end of period       | 99,726    | \$ 6.68        | 4.73         | \$ 1,600  |
| Nonvested at end of period         | 14,000    | \$ 6.47        | 6.38         | \$ -      |

|                                    | 2012      |                |              |              |
|------------------------------------|-----------|----------------|--------------|--------------|
|                                    | Number of | Weighted       | Weighted     | Aggregate    |
|                                    | Shares    | Average        | Remaining    | Intrinsic    |
|                                    |           | Exercise Price | Contractual  | Value        |
|                                    |           |                | Term (Years) |              |
| Outstanding at beginning of period | 492,978   | \$ 2.61        | 2.93         | \$ 1,925,176 |
| Granted                            | -         | -              | -            | -            |
| Exercised                          | (335,000) | .82            | -            | 1,493,031    |
| Forfeited or expired               | (2,000)   | 4.45           | -            | -            |
| Outstanding at end of period       | 155,978   | \$ 6.45        | 5.55         | \$ 33,991    |
| Exercisable at end of period       | 134,978   | \$ 6.45        | 5.27         | \$ 33,991    |
| Nonvested at end of period         | 21,000    | \$ 6.47        | 7.38         | \$ -         |

|                                    | 2011      |                |              |              |
|------------------------------------|-----------|----------------|--------------|--------------|
|                                    | Number of | Weighted       | Weighted     | Aggregate    |
|                                    | Shares    | Average        | Remaining    | Intrinsic    |
|                                    |           | Exercise Price | Contractual  | Value        |
|                                    |           |                | Term (Years) |              |
| Outstanding at beginning of period | 634,252   | \$ 2.37        | 3.59         | \$ 2,747,390 |
| Granted                            | 18,559    | 6.86           | -            | -            |
| Exercised                          | (129,000) | .99            | -            | (529,095)    |
| Forfeited or expired               | (30,833)  | 6.94           | -            | -            |
| Outstanding at end of period       | 492,978   | \$ 2.61        | 2.93         | \$ 1,925,176 |
| Exercisable at end of period       | 446,908   | \$ 2.20        | 2.42         | \$ 1,925,176 |
| Nonvested at end of period         | 46,070    | \$ 6.62        | 7.88         | \$ -         |

Table of Contents

For RSU's granted during the year ended December 31, 2013 and 2012, fair value was determined based on the market value of the stock on the date of grant and the estimated probability of meeting the certain individual and company goals. The following tables summarize RSU activity under the Equity Incentive Plan for the years ended December 31, 2013 and 2012, respectively:

| 2013  |                     |   |   |    |                                 |
|---|---------------------|---|---|----|---------------------------------|
|   | Number of<br>Shares | Weighted<br>Average<br>Grant Date<br>Fair Value | Weighted<br>Average<br>Remaining<br>Contractual<br>Term (Years) |    | Aggregate<br>Intrinsic<br>Value |
| Outstanding restricted stock units at January 1, 2013   | 69,375              | \$ 4.21   | 2.56  | \$ | 350,344                         |
| Granted   | 9,000               | 5.61  | -   |    | 50,490                          |
| Forfeited   | (13,125)            | 4.21  | -   |    | (74,156)                        |
| Vested  | (19,125)            | 4.21  | -   |    | (96,581)                        |
| Outstanding restricted stock units at December 31, 2013 | 46,125              | \$ 4.36   | 1.24  | \$ | 237,083                         |
| Restricted stock units expected to vest                 | 34,955              | \$ 4.41   | 1.05  | \$ | 179,669                         |

| 2012  |                     |   |   |    |                                 |
|---|---------------------|---|---|----|---------------------------------|
|   | Number of<br>Shares | Weighted<br>Average<br>Grant Date<br>Fair Value | Weighted<br>Average<br>Remaining<br>Contractual<br>Term (Years) |    | Aggregate<br>Intrinsic<br>Value |
| Outstanding restricted stock units at January 1, 2012   | -                   | \$ -  | -   | \$ | -                               |
| Granted   | 79,500              | 4.21  | -   |    | 334,865                         |
| Forfeited   | (10,125)            | 4.21  | -   |    | 51,131                          |
| Vested  | -                   | -   | -   |    | -                               |
| Outstanding restricted stock units at December 31, 2012 | 69,375              | \$ 4.21   | 2.56  | \$ | 350,344                         |
| Restricted stock units expected to vest                 | 55,275              | \$ 4.21   | 2.56  | \$ | 279,139                         |

When stock options are exercised and restricted stock vests, the difference between the assumed tax benefit and the actual tax benefit must be recognized in the Company's financial statements. In circumstances in which the actual tax benefit is lower than the estimated tax benefit, that difference is recorded in equity, to the extent there are sufficient accumulated excess tax benefits. At December 31, 2013, our accumulated excess tax benefits are sufficient to absorb any future differences between actual and estimated tax benefits for all of our outstanding option and restricted stock grants. The excess of actual tax deductions over amounts assumed, which are recognized in Stockholders' Equity, were \$30,408, \$603,993 and \$211,638 in 2013, 2012 and 2011.

## 15. EARNINGS PER SHARE

The following table shows the weighted average number of shares used in computing earnings per share and the effect on weighted average number of shares of potential dilutive common stock.

Twelve Months Ended December 31,

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|   | 2013       | 2012         | 2011         |
|---|------------|--------------|--------------|
| Net income                                      | \$ 795,905 | \$ 1,142,800 | \$ 1,520,674 |
| Shares used in calculation of income per share: |            |              |              |
| Basic   | 5,052,516  | 4,802,569    | 4,619,542    |
| Effect of dilutive options                      | 56,727     | 86,858       | 301,752      |
| Diluted   | 5,109,243  | 4,889,427    | 4,921,294    |
| Net income per share:                           |            |              |              |
| Basic   | \$ .16     | \$ .24       | \$ .33       |
| Diluted   | \$ .16     | \$ .23       | \$ .31       |

Stock options that could potentially dilute basic EPS in the future were not included in the computation of diluted EPS, because to do so would have been anti-dilutive, were 98,726, 139,000 and 138,000 for the years ended December 31, 2013, 2012 and 2011, respectively.

Table of Contents

## 16. ACQUISITIONS

The Company accounts for acquisitions of businesses under the acquisition method, which requires measurement of all of the assets acquired and liabilities assumed at their acquisition-date fair values. Results from operations are included in the accompanying consolidated statements of operations and comprehensive income from the date of acquisition.

## Sabio

On March 5, 2013 the Company completed its acquisition of substantially all of the commercial and operating assets of Sabio Instruments (“Sabio”) for the cash amount of \$1,214,330. Sabio provides air quality monitoring products including ambient air instrumentation and continuous emission monitoring systems. Acquisition related costs totaled approximately \$125,000 and were included in selling, general and administrative expenses in the consolidated statement of operations and comprehensive income as of December 31, 2013.

The purchase consideration was allocated to assets acquired and liabilities assumed on the basis of their respective fair values on the acquisition date. The Company’s allocation of the total purchase price is as follows:

|                                |             |
|--------------------------------|-------------|
| Accounts Receivable            | \$82,853    |
| Inventory                      | 167,099     |
| Prepaid items and other assets | 3,267       |
| Property and equipment         | 9,516       |
| Deferred tax asset             | 9,000       |
| Accrued expenses               | (43,122 )   |
| Intangibles                    | 302,000     |
| Goodwill                       | 683,717     |
| Totals                         | \$1,214,330 |

The goodwill recognized in this acquisition was derived from expected benefits from future technology, sales synergies and a knowledgeable and experienced workforce who joined the Company. Goodwill is expected to be tax deductible for income tax purposes.

## MeteoStar

On May 24, 2012, the Company completed its acquisition of IPS MeteoStar (“MeteoStar”), pursuant to an Agreement dated May 1, 2012 for the cash amount of \$4,241,914. MeteoStar was a privately held company with offices in Englewood, Colorado and Round Rock, Texas. MeteoStar specializes in software applications for aviation, hydrology, meteorology, transportation, energy, research, and the military and in providing air quality systems. Acquisition related costs totaled \$958,000 and were included in selling, general and administrative expenses in the consolidated statement of operations and comprehensive income as of December 31, 2012.

The purchase consideration was allocated to assets acquired and liabilities assumed on the basis of their respective fair values on the acquisition date. The Company’s allocation of the total purchase price is as follows:

|                        |            |
|------------------------|------------|
| Property and equipment | \$ 309,545 |
| Deferred asset         | 64,866     |
| Accrued expenses       | (190,782)  |
| Intangible assets      | 860,000    |
| Goodwill               | 3,198,285  |

Totals

\$ 4,241,914

The goodwill recognized in this acquisition was derived from expected benefits from future technology, sales synergies and a knowledgeable and experienced workforce who joined the Company. Goodwill is expected to be tax deductible for income tax purposes.

Table of Contents

## 17. PROFIT SHARING PLAN

The Company has a 401(k) Profit-Sharing Plan that covers substantially all employees of the Company. The 401(k) provision permits employees to elect to defer a portion of their compensation. The Plan was amended in July 2010 to allow for employer matching of up to 5 percent. The profit-sharing contribution is determined each year by the Board of Directors based on profits. The Company did not make a profit sharing contribution for the years ended December 31, 2013, 2012 and 2011. The employer matching contribution was approximately \$397,000, \$314,000 and \$240,000 for the years ended December 31, 2013, 2012 and 2011, respectively.

## 18. SEGMENT INFORMATION

The Company operates principally in two industry segments: the manufacturing of standard products consisting of hydrological, meteorological and oceanic monitoring and control products which are sold off-the-shelf and systems that are comprised of standard products and custom items as required by the system specification also including software and services including installation, training, and maintenance of systems. Corporate assets consisted mainly of cash, prepaid expenses, deferred taxes, and income tax receivables. The results of these segments are shown below (in thousands):

|                              | Years<br>Ended<br>Dec. 31 | Net Sales | Operating<br>Income (Loss) | Total Assets | Depreciation | Capital<br>Expenditures |
|------------------------------|---------------------------|-----------|----------------------------|--------------|--------------|-------------------------|
| Standard Products            | 2013                      | \$ 10,588 | \$ 1,556                   | \$ 7,036     | \$ 131       | \$ 46                   |
|                              | 2012                      | 8,132     | 1,163                      | 6,728        | 139          | 9                       |
|                              | 2011                      | 9,023     | 1,166                      | 6,021        | 147          | 36                      |
| Systems/Services             | 2013                      | 16,620    | (335)                      | 7,598        | 252          | 161                     |
|                              | 2012                      | 17,098    | 194                        | 7,266        | 176          | 170                     |
|                              | 2011                      | 11,199    | 963                        | 6,502        | 121          | 51                      |
| Corporate and<br>Unallocated | 2013                      | -         | -                          | 13,509       | -            | -                       |
|                              | 2012                      | -         | -                          | 12,877       | -            | -                       |
|                              | 2011                      | -         | -                          | 11,560       | -            | -                       |
| Total Company                | 2013                      | \$ 27,208 | \$ 1,221                   | \$ 28,143    | \$ 383       | \$ 207                  |
|                              | 2012                      | 25,230    | 1,357                      | 26,871       | 315          | 179                     |
|                              | 2011                      | 20,222    | 2,129                      | 24,083       | 268          | 87                      |

Export sales were based on countries where the customers were located. Central and South America includes all countries south of the United States. Asia includes customers in Australia, China, India, Korea and New Zealand. Europe and other consists of Europe and Africa. The Middle East was primarily sales to Afghanistan and Iraq. Export sales from the Company's operations at December 31, were as follow (in thousands):

|                           | 2013     | 2012     | 2011     |
|---------------------------|----------|----------|----------|
| Central and South America | \$ 3,687 | \$ 2,278 | \$ 3,852 |
| Canada                    | 2,278    | 1,707    | 1,759    |
| Asia                      | 3,525    | 3,380    | 1,570    |
| Europe and other          | 1,468    | 2,723    | 473      |

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|             |           |           |           |
|-------------|-----------|-----------|-----------|
| Middle East | 1,424     | 4,336     | 2,978     |
|             | \$ 12,382 | \$ 14,424 | \$ 10,632 |

Table of Contents

## 19. SUMMARIZED QUARTERLY UNAUDITED FINANCIAL DATA

|  | 2013         |              |              |              |
|--|--------------|--------------|--------------|--------------|
|  | Q1           | Q2           | Q3           | Q4           |
| Net sales                              | \$ 6,455,110 | \$ 6,343,240 | \$ 7,124,591 | \$ 7,285,363 |
| Gross profit                           | 2,646,141    | 2,356,172    | 2,877,004    | 2,904,860    |
| Operating income (loss)                | 41,999       | (87,216)     | 662,384      | 603,830      |
| Net income (loss)                      | \$ 30,202    | \$ (53,170)  | \$ 486,975   | \$ 331,898   |
| Basic (loss) income per common share   | \$ 0.01      | \$ (0.01)    | \$ 0.10      | \$ 0.07      |
| Diluted (loss) income per common share | \$ 0.01      | \$ (0.01)    | \$ 0.10      | \$ 0.06      |

|  | 2012         |              |              |              |
|--|--------------|--------------|--------------|--------------|
|  | Q1           | Q2           | Q3           | Q4           |
| Net sales                              | \$ 3,737,181 | \$ 6,804,168 | \$ 7,042,056 | \$ 7,646,114 |
| Gross profit                           | 1,426,592    | 2,776,502    | 2,961,935    | 2,852,056    |
| Operating income (loss)                | (131,493)    | 801,325      | 685,224      | 1,961        |
| Net income (loss)                      | \$ (76,109)  | \$ 551,670   | \$ 490,452   | \$ 176,787   |
| Basic (loss) income per common share   | \$ (0.02)    | \$ 0.12      | \$ 0.10      | \$ 0.04      |
| Diluted (loss) income per common share | \$ (0.02)    | \$ 0.11      | \$ 0.10      | \$ 0.04      |

|                                 | 2011         |              |              |              |
|---------------------------------|--------------|--------------|--------------|--------------|
|                                 | Q1           | Q2           | Q3           | Q4           |
| Net sales                       | \$ 4,880,619 | \$ 3,848,508 | \$ 5,415,230 | \$ 6,078,012 |
| Gross profit                    | 1,848,626    | 1,380,086    | 2,316,241    | 2,351,331    |
| Operating income                | 454,452      | (73,214)     | 826,730      | 921,191      |
| Net income                      | \$ 301,577   | \$ (21,372)  | \$ 541,000   | \$ 699,469   |
| Basic income per common share   | \$ 0.07      | \$ 0.00      | \$ 0.12      | \$ 0.15      |
| Diluted income per common share | \$ 0.06      | \$ 0.00      | \$ 0.11      | \$ 0.14      |

Our results for the quarter ended September 30, 2012 were restated to correct for an error in the computation of contract revenue. The error was in the calculation of estimated costs to complete a contract resulting in estimated costs at completion being understated and revenue being overstated. The results were restated to decrease revenue in the amount of \$236,943 and decrease net income by \$134,943.

The sum of the quarterly earnings per share amounts do not equal the amount reported for the full year since per share amounts are computed independently for each quarter and for the full year based on respective weighted-average shares outstanding and other dilutive potential shares.

## 20. LEGAL CONTINGENCIES

There are currently no legal claims that, in the opinion of management have a material effect on our financial statements.

Table of Contents

Item 9 – Changes In and Disagreements with Accountants on Accounting and Financial Disclosure

Not applicable.

Item 9A – Controls and Procedures

Evaluation of Disclosure Controls and Procedures

As of the end of the period covered by this Annual Report, we carried out an evaluation under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, of the effectiveness of our “disclosure controls and procedures” (as defined in Rule 13a-15(e) of the Exchange Act). Disclosure controls and procedures are controls and other procedures of an issuer that are designed to ensure that information required to be disclosed by the issuer in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. Based upon this evaluation, our principal executive officer and principal financial officer have concluded that our disclosure controls and procedures were effective as of December 31, 2013.

Management’s Annual Report on Internal Control over Financial Reporting

The management of our Company is responsible for establishing and maintaining adequate internal control over financial reporting for our Company. Internal control over financial reporting is a process designed by, or under the supervision of, our principal executive officer and principal financial officer, and affected by our board of directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP, but because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with policies or procedures may deteriorate.

Our management assessed the effectiveness of our Company’s internal control over financial reporting as of December 31, 2013. The framework used by management in making that assessment was the criteria set forth in the document entitled “Internal Control – Integrated Framework (1992)” issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on that assessment, our management has determined that as of December 31, 2013, our Company’s internal control over financial reporting was effective for the purposes for which it is intended.

This report does not include an attestation report of our independent registered public accounting firm regarding internal control over financial reporting. Management’s report was not subject to attestation by our Company’s registered public accounting firm pursuant to rules of the Securities and Exchange Commission that permit our Company to provide only management’s report in this Report.

Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting that occurred during the fourth quarter of 2013 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Item 9B – Other Information

None



Table of Contents

PART III

Item 10 – Directors, Executive Officers and Corporate Governance

The Board has adopted a Code of Conduct and Ethics that applies to Sutron’s principal executive officer, principal financial officer and all other employees of the Company. This Code of Conduct and Ethics is posted on the Company’s website at <http://www.sutron.com> on the investors’ page. Any amendments to the Code of Ethics and waivers of the Code of Ethics for our principal executive, accounting or financial officers will be published on our website.

The remainder of information required for this Item is incorporated by reference from the definitive Proxy Statement to be filed in connection with our 2014 Annual Meeting of Shareholders.

Item 11 – Executive Compensation

The information required for this Item is incorporated by reference from the definitive Proxy Statement to be filed in connection with our 2014 Annual Meeting of Shareholders.

Item 12 – Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The information required for this Item is incorporated by reference from the definitive Proxy Statement to be filed in connection with our 2014 Annual Meeting of Shareholders.

Item 13 – Certain Relationships, Related Transactions and Directors Independence

The information required for this Item is incorporated by reference from the definitive Proxy Statement to be filed in connection with our 2014 Annual Meeting of Shareholders.

Item 14 – Principal Accounting Fees and Services

The information required for this Item is incorporated by reference from the definitive Proxy Statement to be filed in connection with our 2014 Annual Meeting of Shareholders.

Table of Contents

PART IV

Item 15 – Exhibits, Financial Statements and Schedules

(a)(1 and 2) Financial Statements and Schedules

The financial statements listed in Item 8 in the Index to Consolidated Financial Statements on page 21 are filed as part of this report.

(b) Exhibits

- 3.1 Articles of Incorporation of the Company, dated December 19, 1995, as amended on September 1, 1983 and May 10, 1995 (incorporated by reference to Exhibit 3.1 of the Company’s Form 10-K filed on March 29, 2013)
- 3.2 By-laws of the Company (incorporated by reference to Exhibit 3.1 of the Company’s Current Report on Form 8-K filed on December 5, 2007, File No. 000-12227)
- 10.1 Asset Purchase Agreement by and among Sutron Corporation, IPS MeteoStar, Inc., Information Processing Systems of California, Inc., Clarence L. Boice and Shirley H. Boice, dated April 30, 2012 (incorporated by reference to Exhibit 2.1 of the Company’s Current Report on Form 8-K filed on May 4, 2012)
- 10.2 Amended and Restated 2002 Stock Option Plan\*\* (incorporated by reference to Exhibit 10.23 of the Company’s Form 10-K filed on March 28, 2012)
- 10.3 Form of Stock Option Agreement\*\* (incorporated by reference to Exhibit 10.24 of the Company’s Form 10-K filed on March 28, 2012)
- 10.4 2010 Equity Incentive Plan\*\* (incorporated by reference to Appendix A of the Company’s Definitive Proxy Statement filed on April 30, 2010)
- 10.5 Loan Modification Agreement dated September 16, 2011 between Sutron Corporation and Branch Banking and Trust Company of Virginia, a North Carolina Banking Corporation (incorporated by reference to Exhibit 10.25 of the Company’s Form 10-K filed on March 28, 2012)
- 23.1\* Consent of Independent Registered Public Accounting Firm
- 31.1\* Certification pursuant to Rule 13a-14(a) or Rule 15d-14(a) of the Chairman of the Board of Directors, President and Chief Executive Officer
- 31.2\* Certification pursuant to Rule 13a-14(a) or Rule 15d-14(a) of the Chief Financial Officer and Treasurer
- 32\* Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 101.SCH Taxonomy Extension Schema Document
- 101.CAL Taxonomy Extension Calculation Linkbase Document
- 101.DEF Taxonomy Extension Definition Linkbase Document
- 101.LAB Taxonomy Extension Label Linkbase Document
- 101.PRE Taxonomy Presentation Linkbase Document

\* Filed herewith

\*\* Indicates management contract or compensatory plan or arrangement



